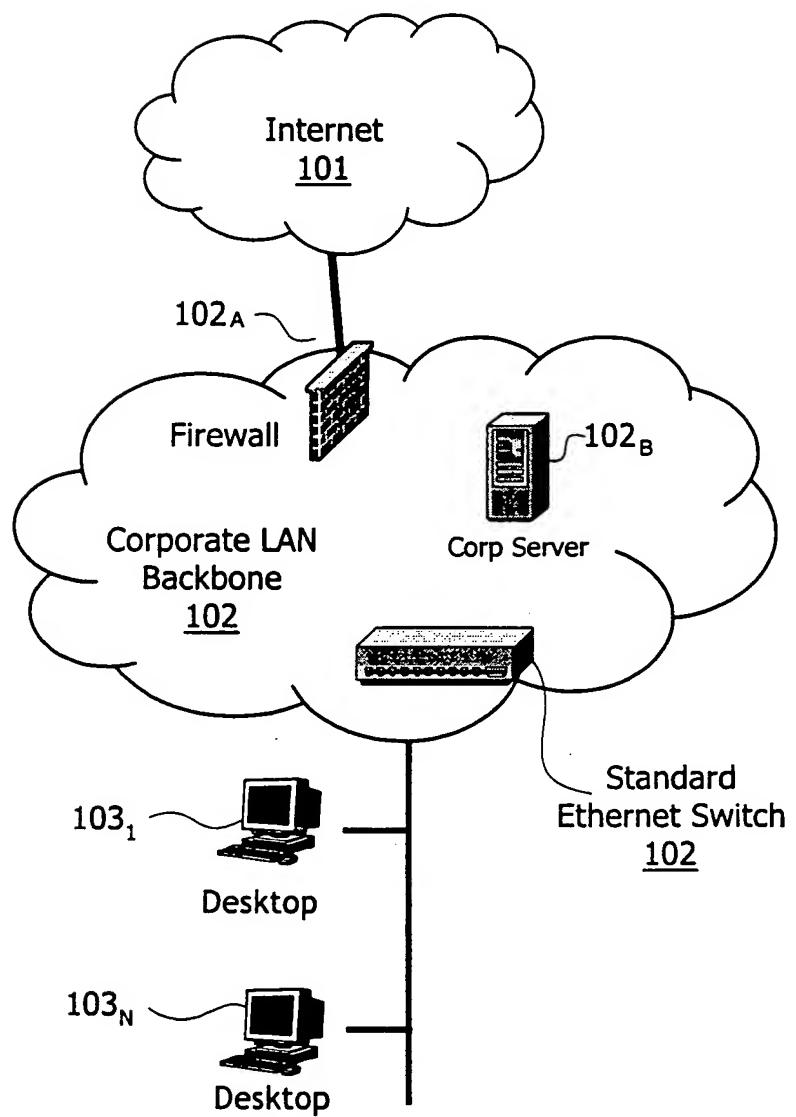
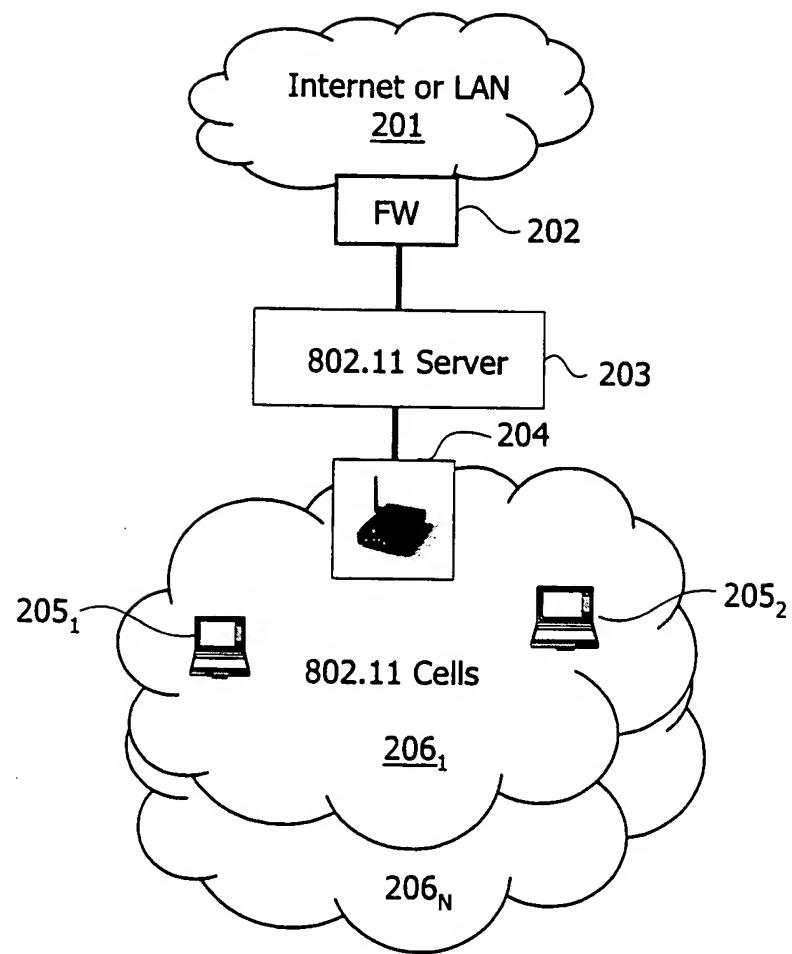


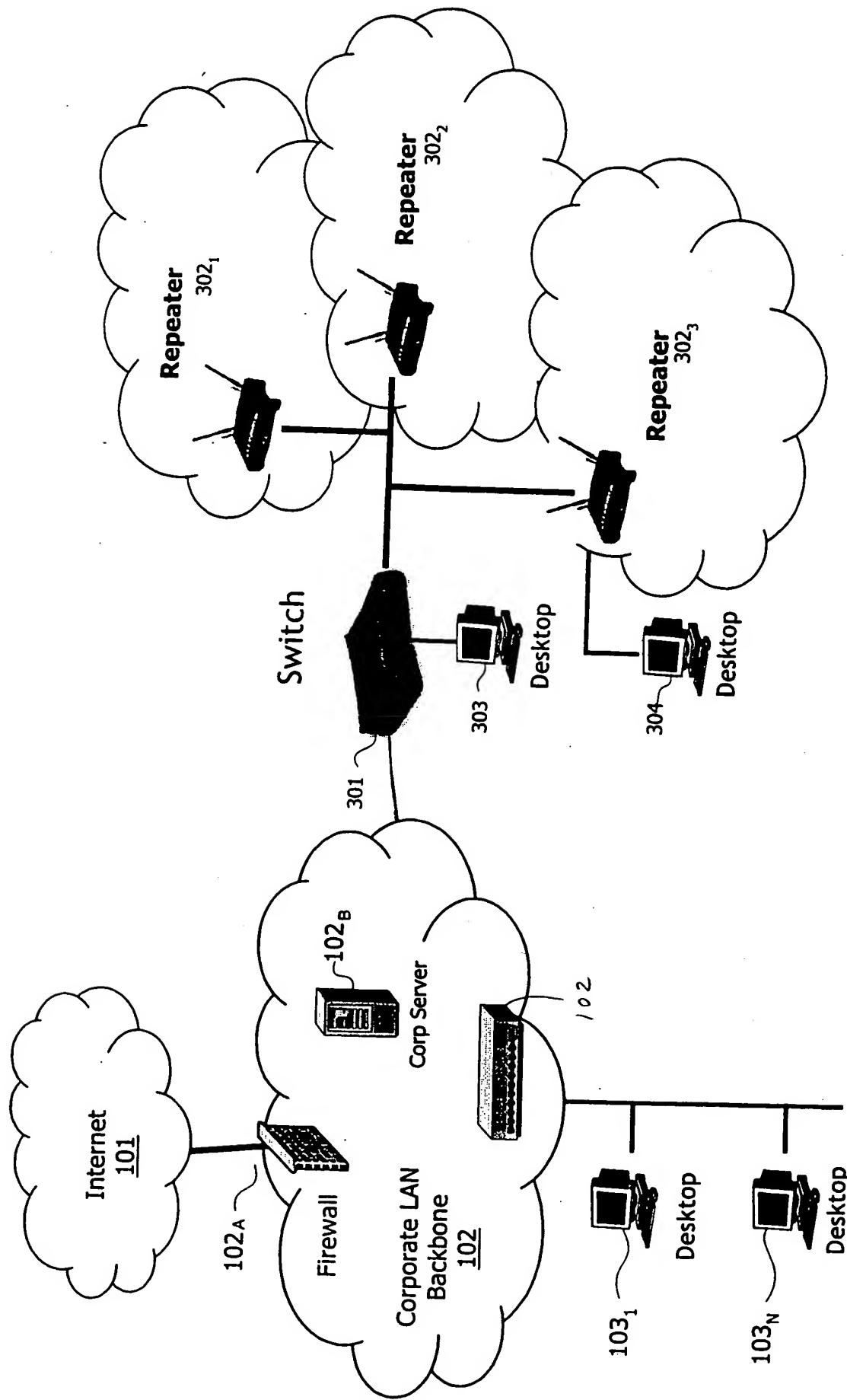
## Today's Ethernet



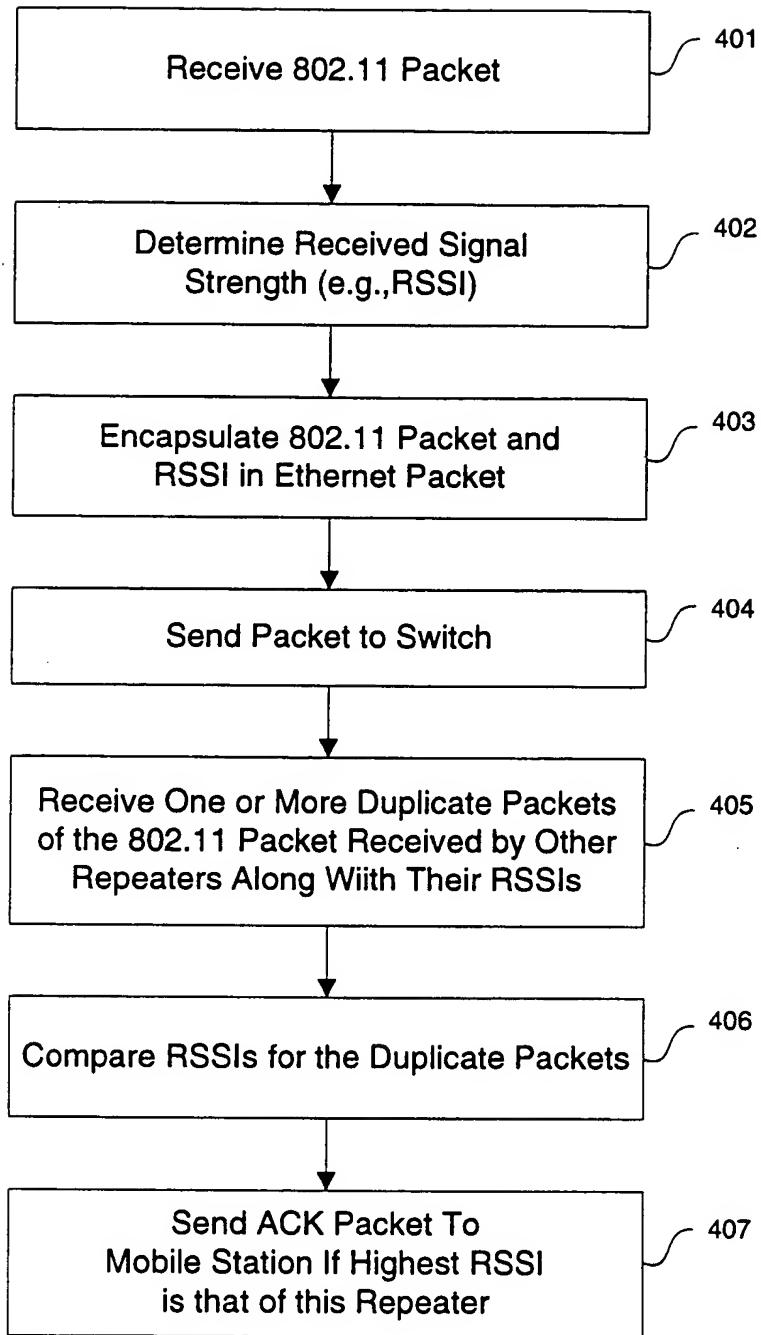
**FIG. 1**



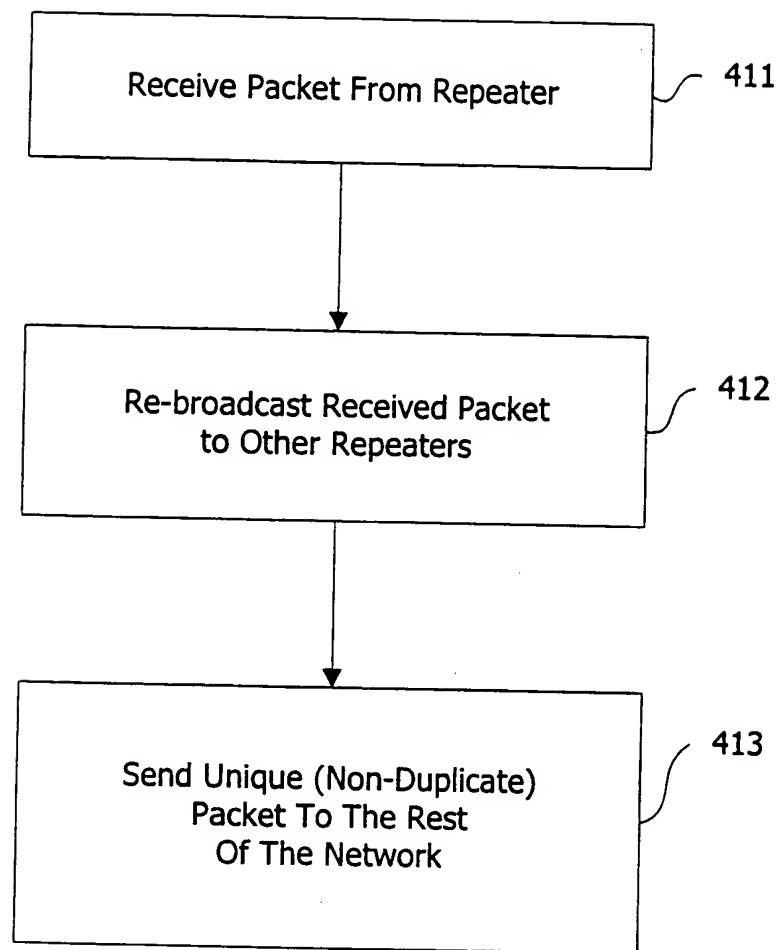
**FIG. 2**



**FIG. 3**



**FIG. 4A**



**FIG. 4B**

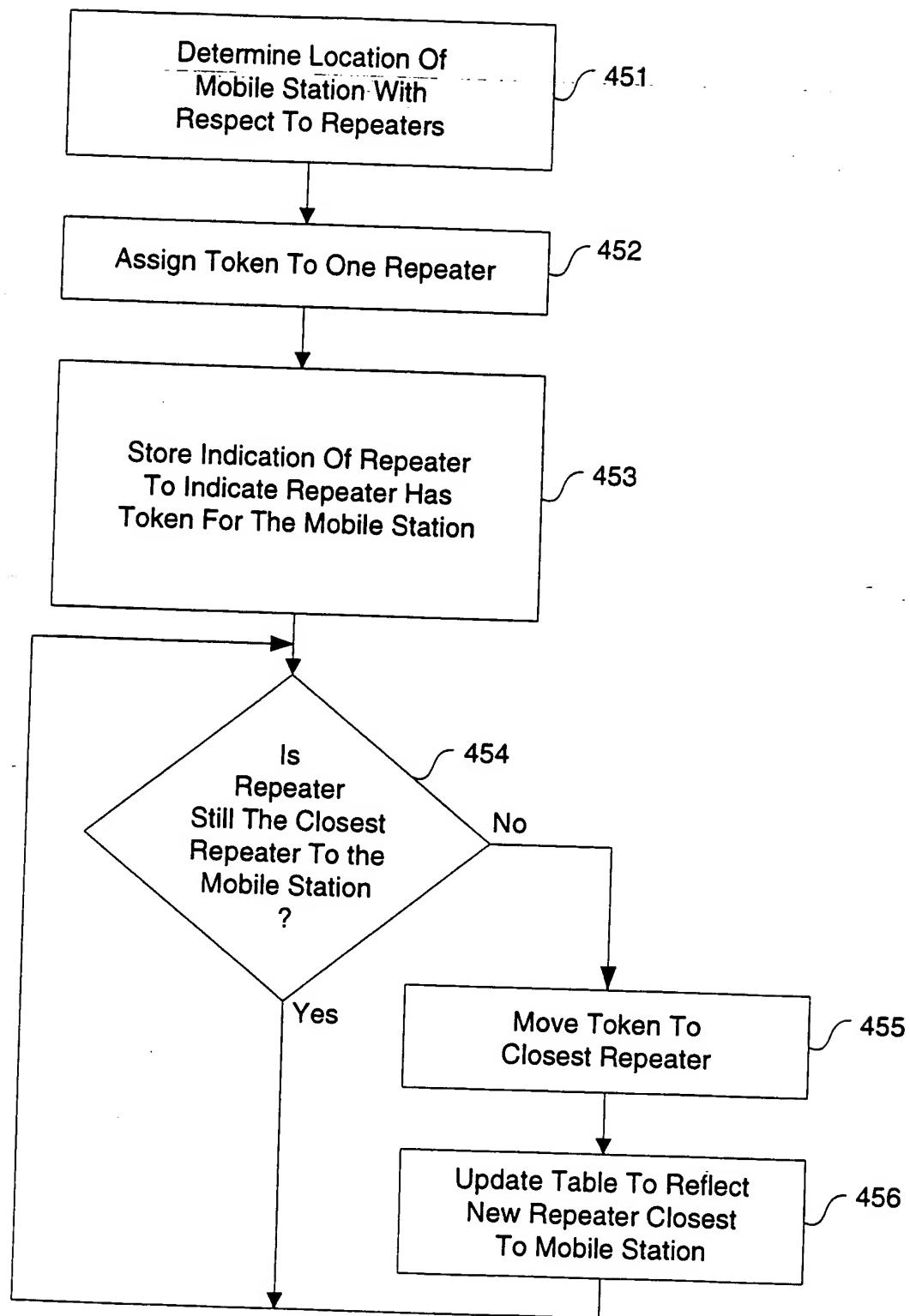
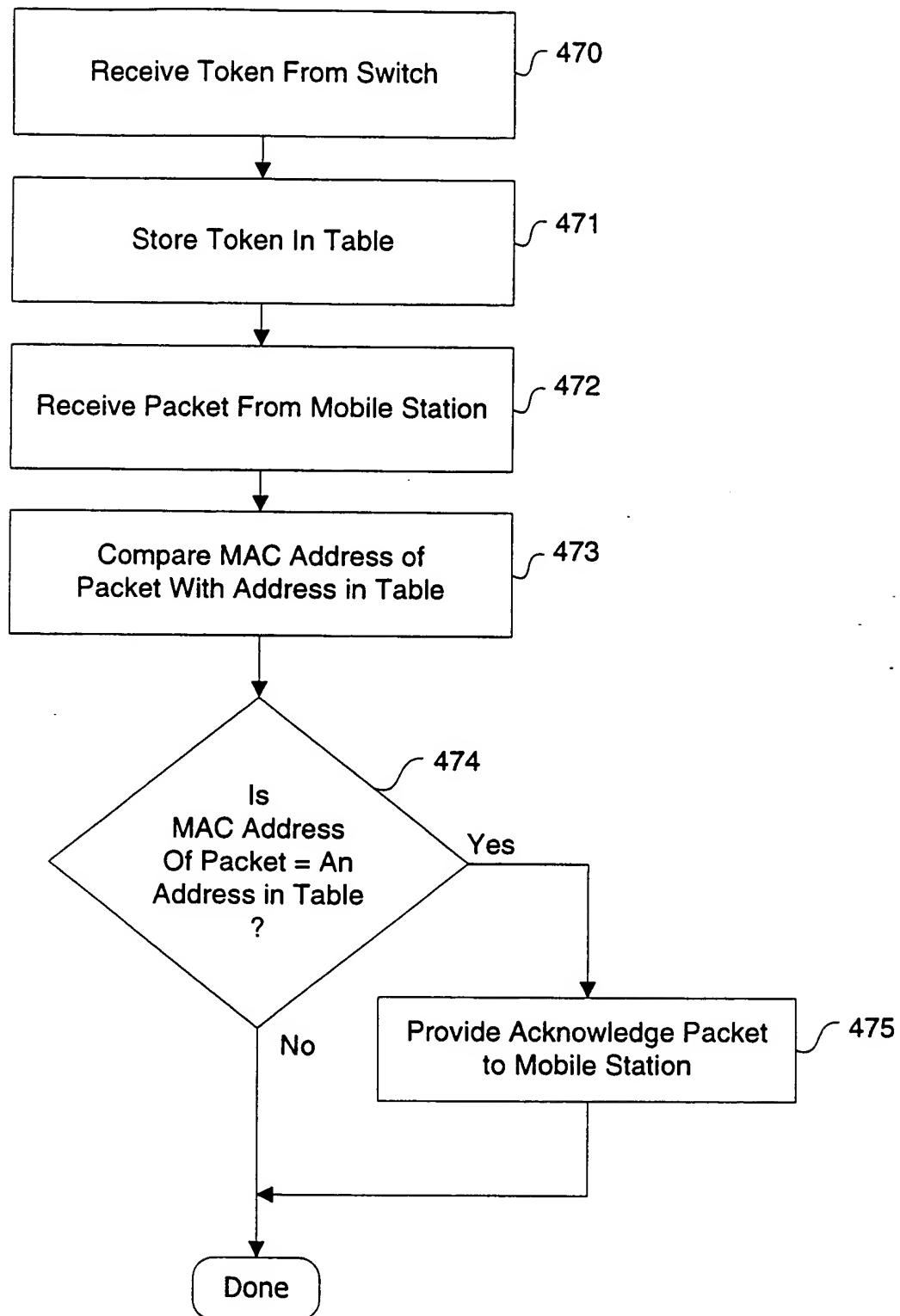
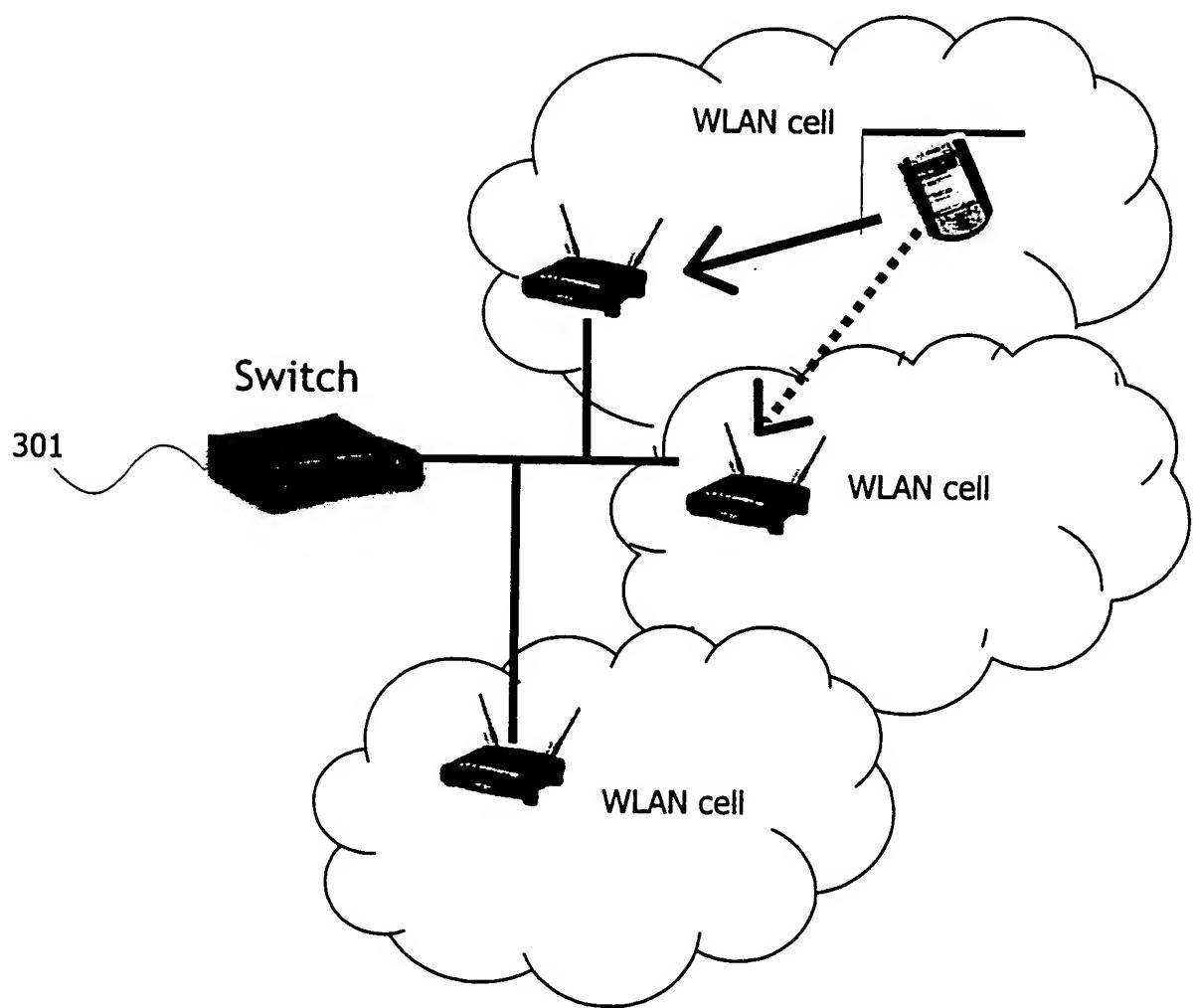


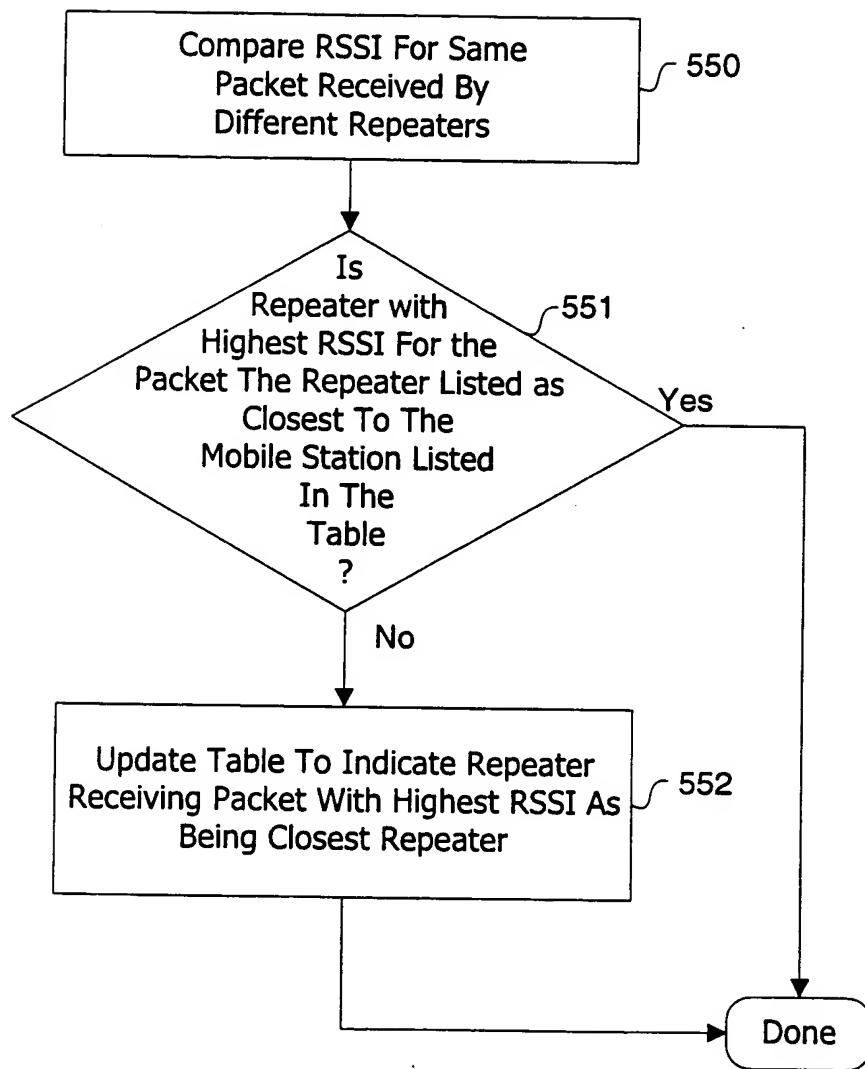
FIG. 4C



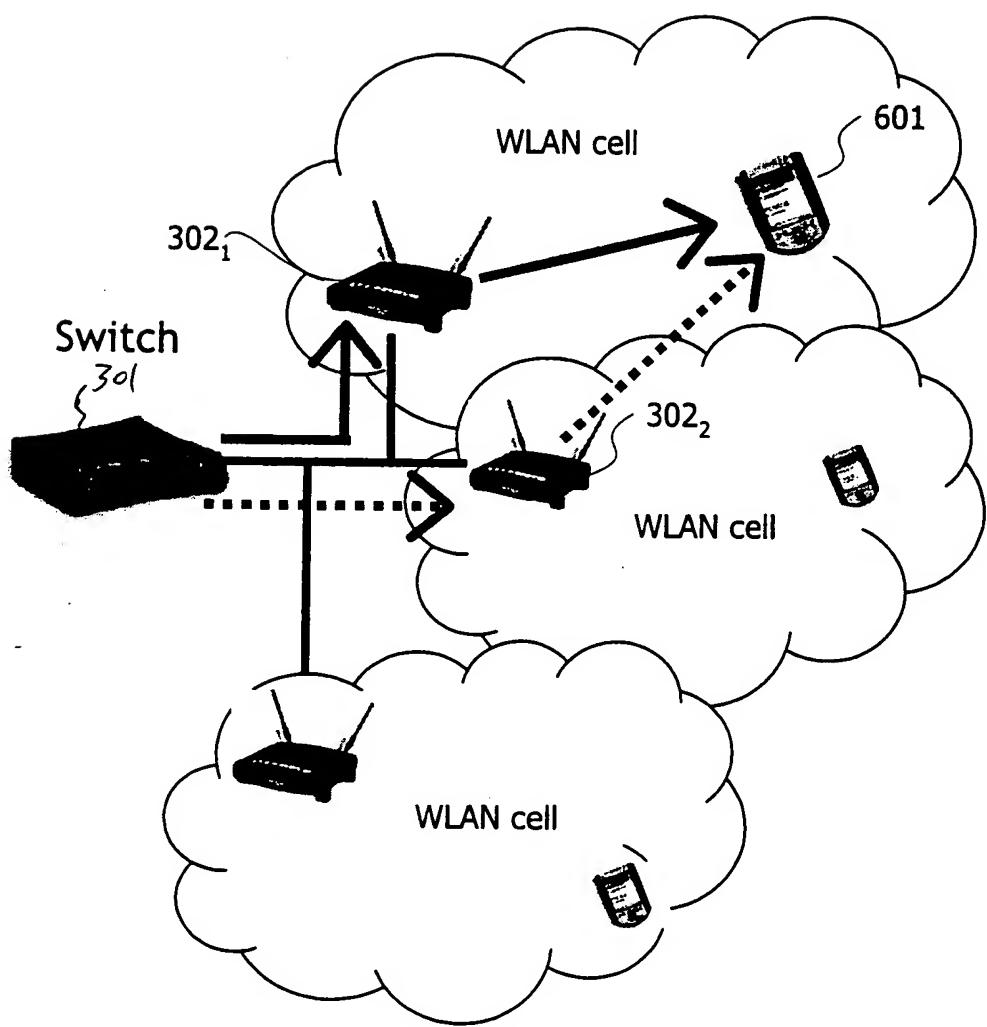
**FIG. 4D**



**FIG. 5A**



**FIG. 5B**



**FIG. 6**

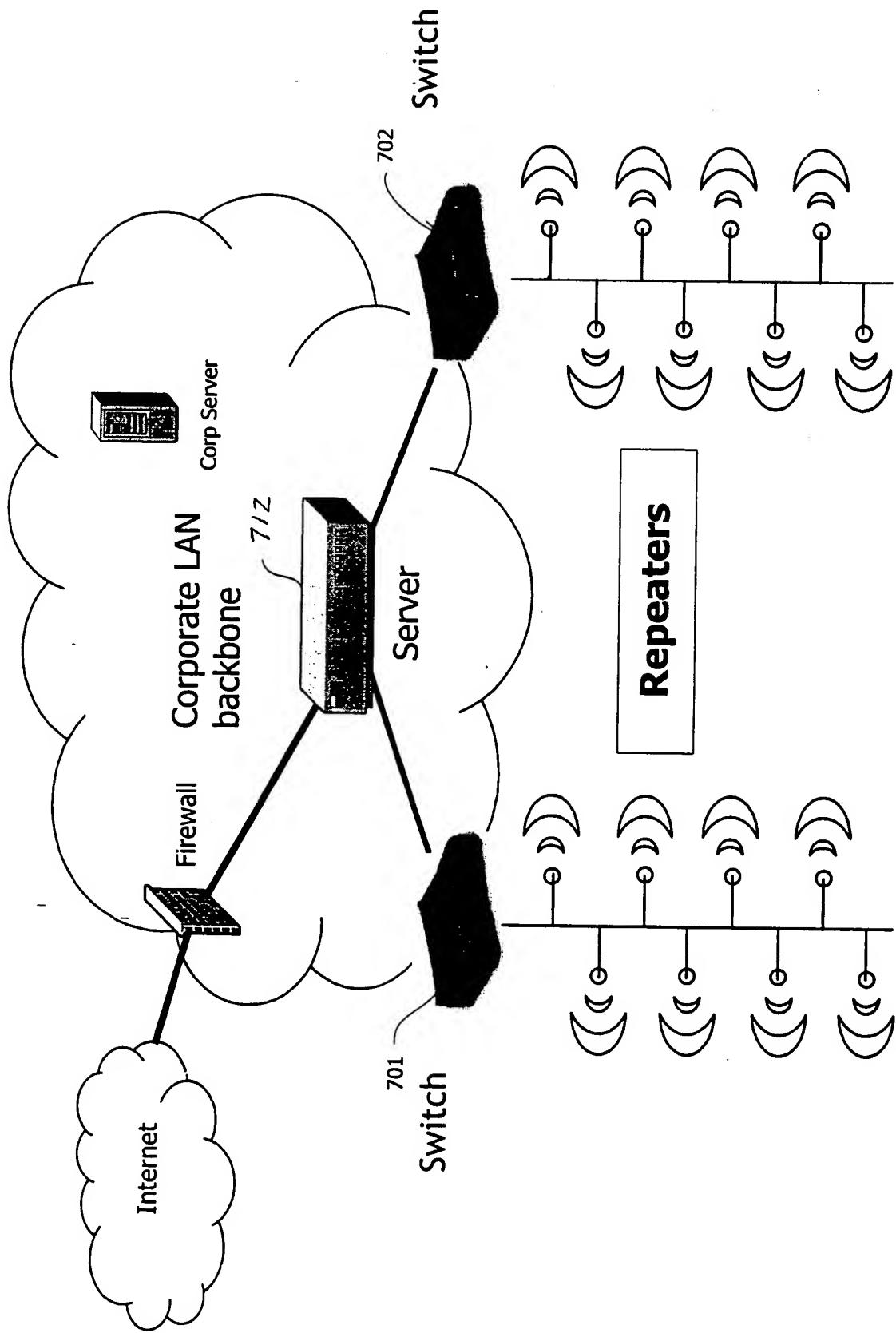
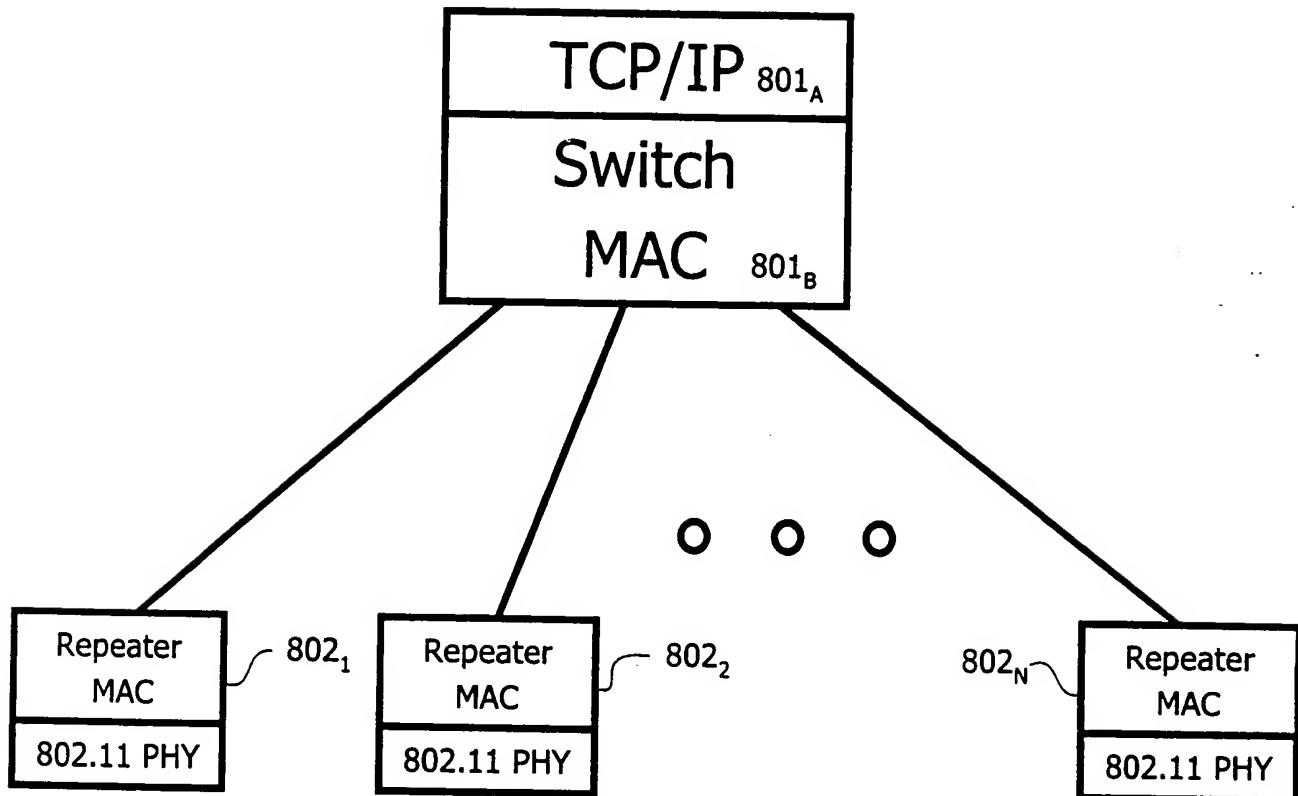


FIG. 7

# ***Switch***

802



# ***Repeaters***

802

**FIG. 8**

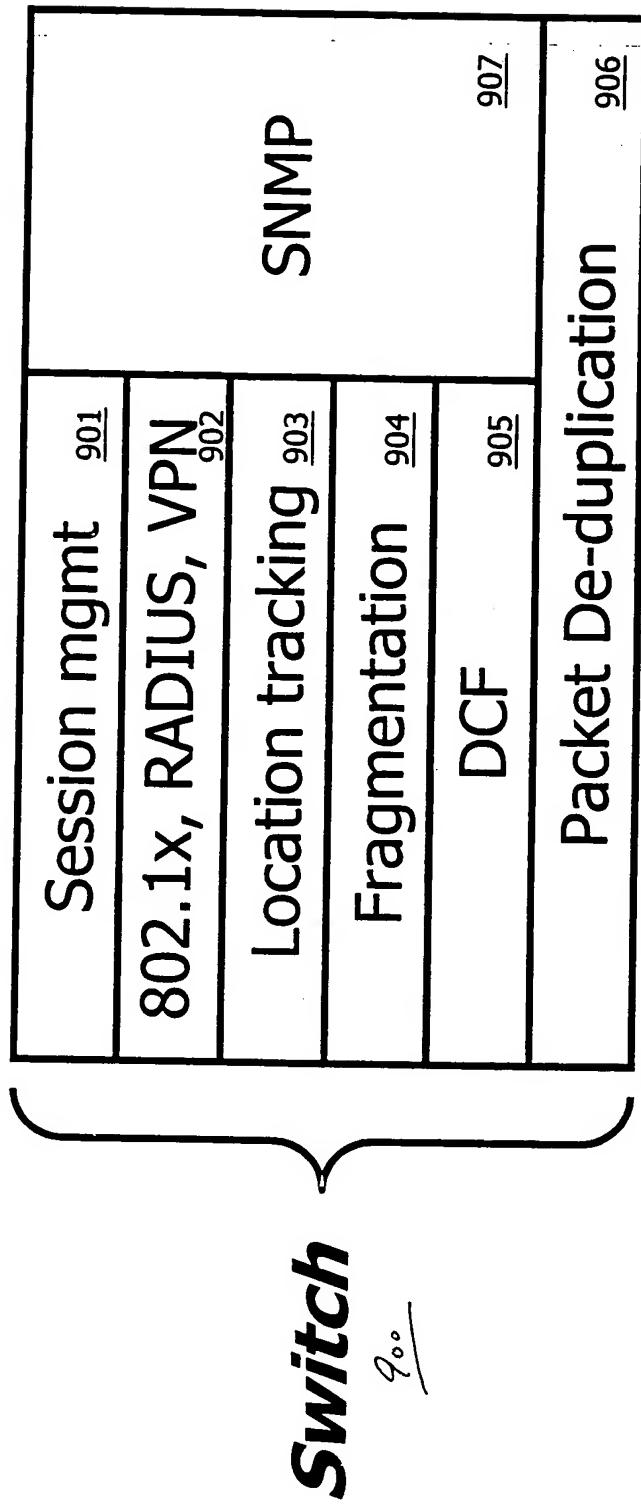
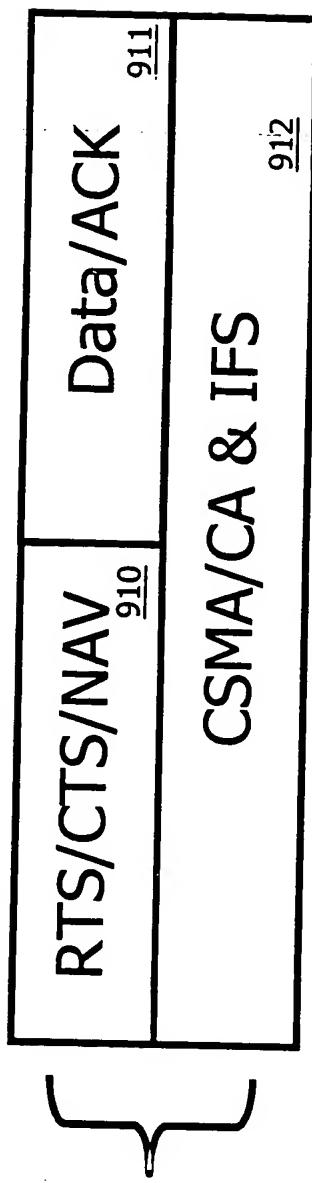
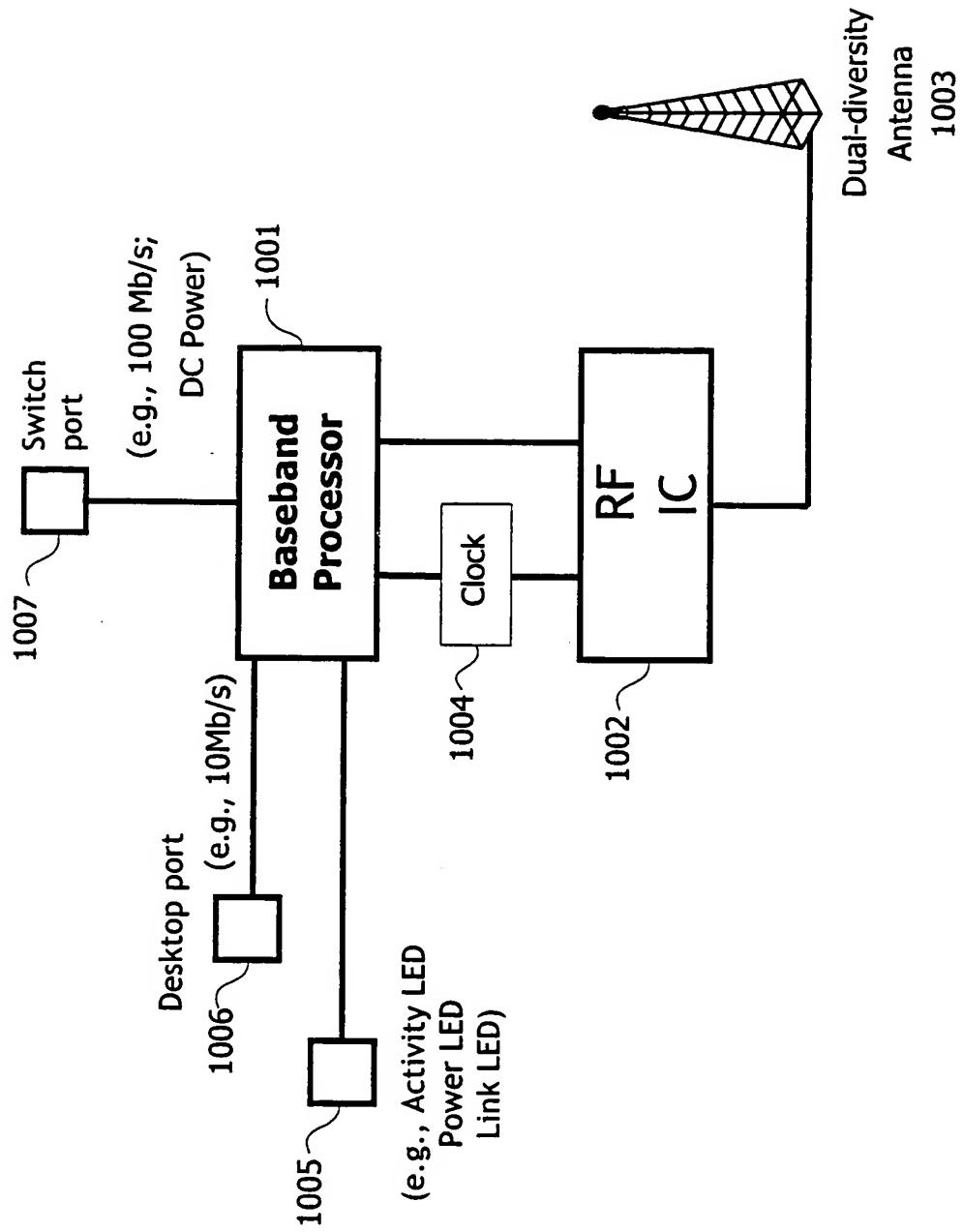


FIG. 9A

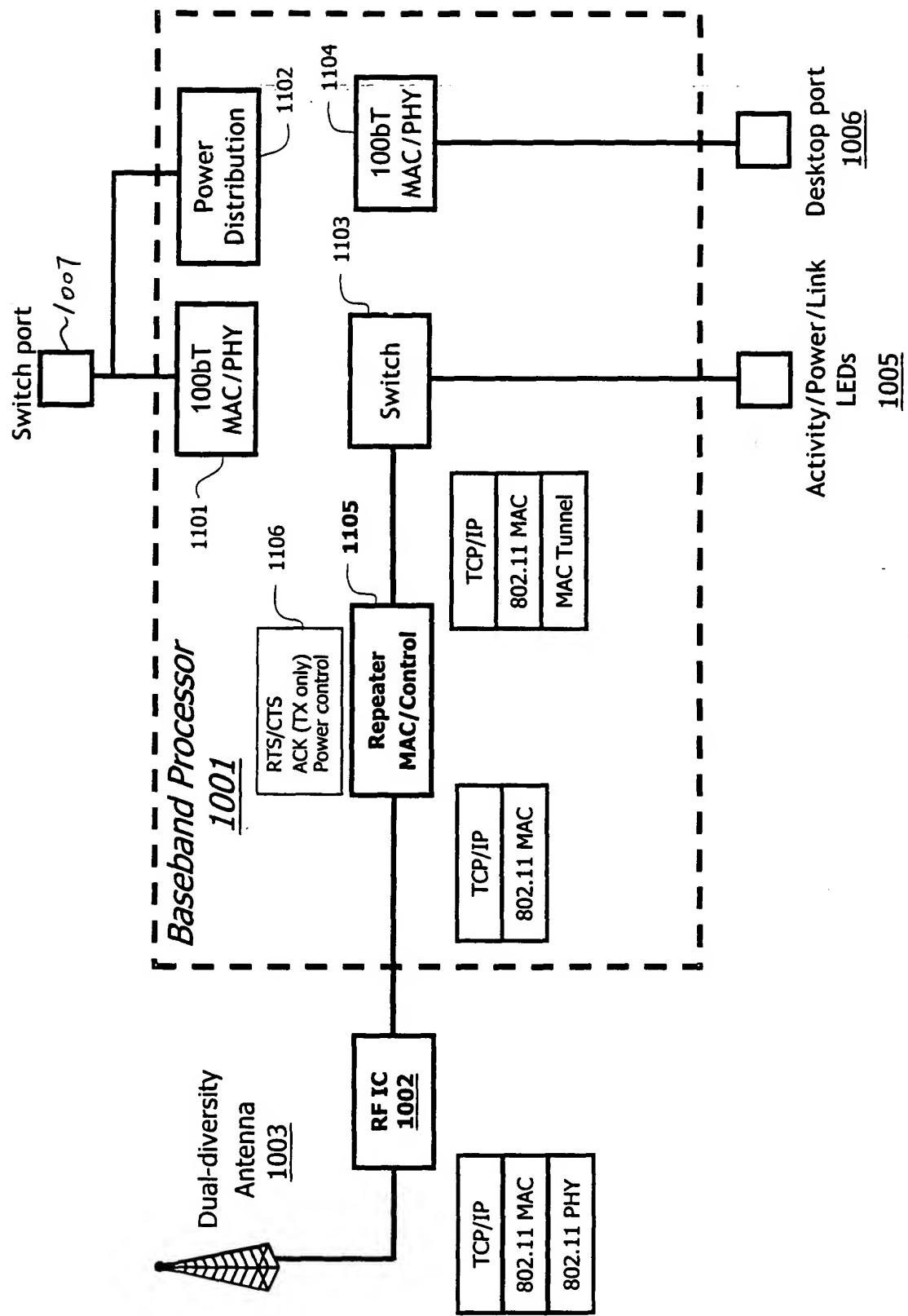


*Repeater*  
908

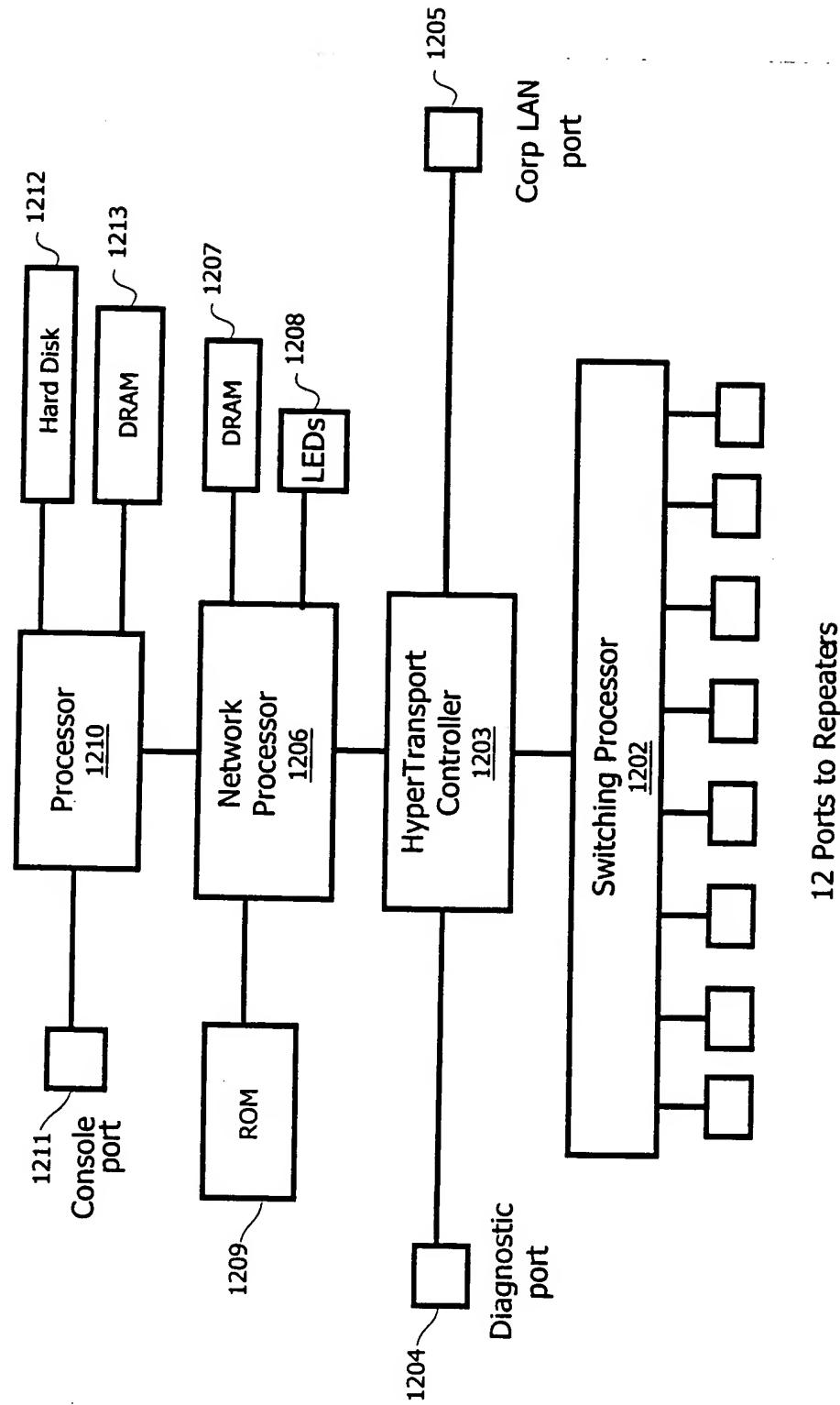
FIG. 9B



**FIG. 10**



**FIG. 11**



**FIG. 12 A**

1250

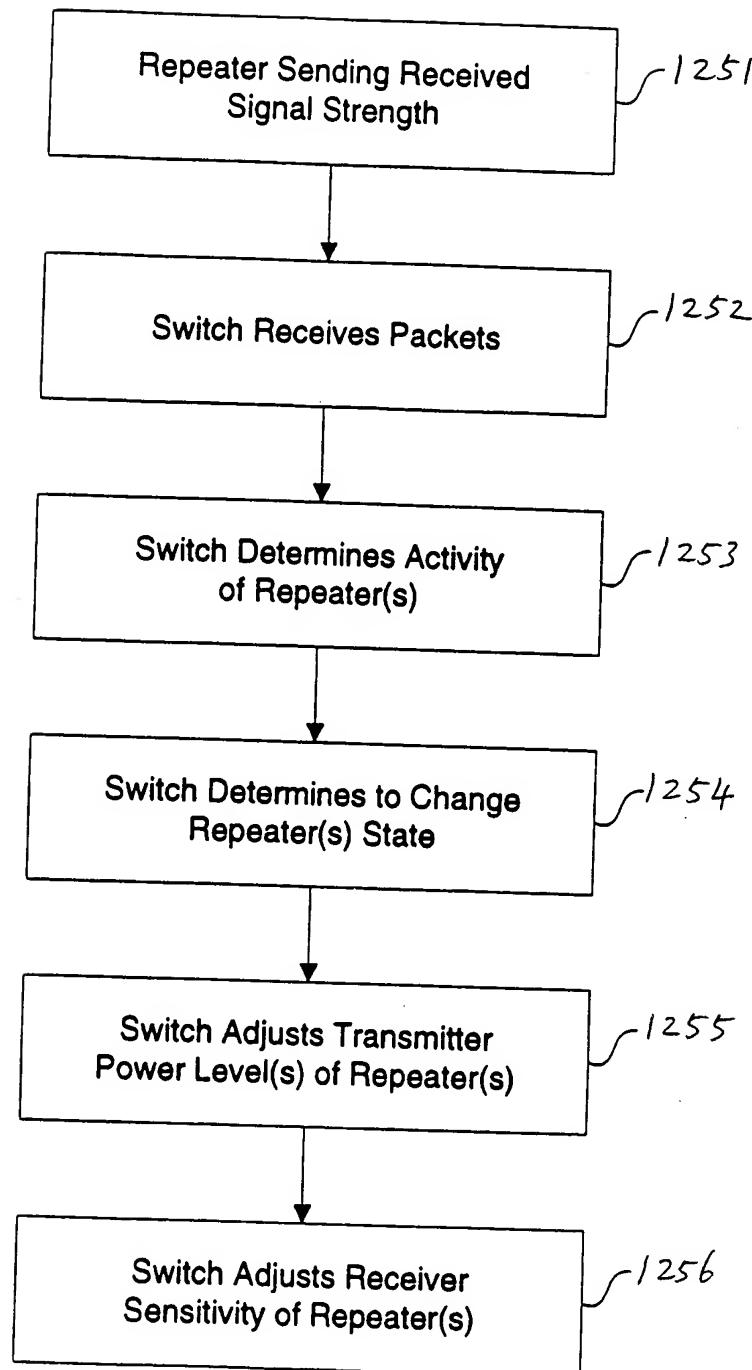
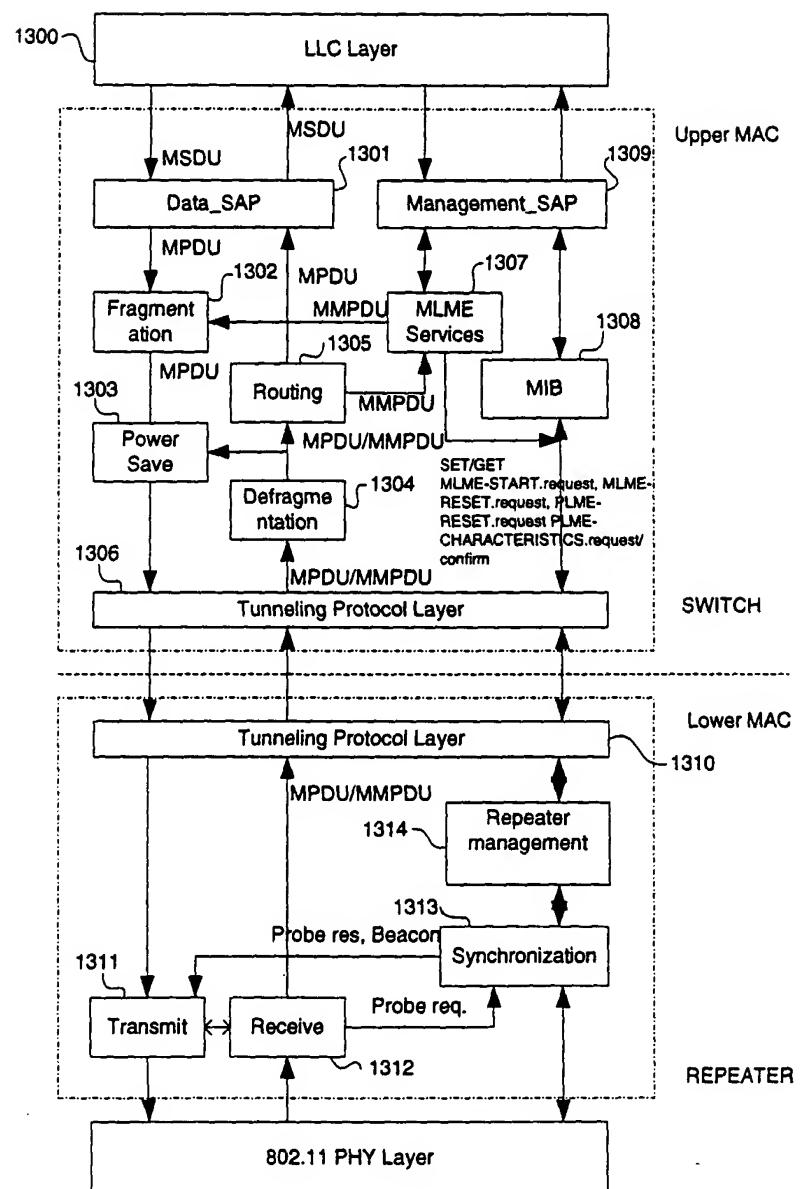
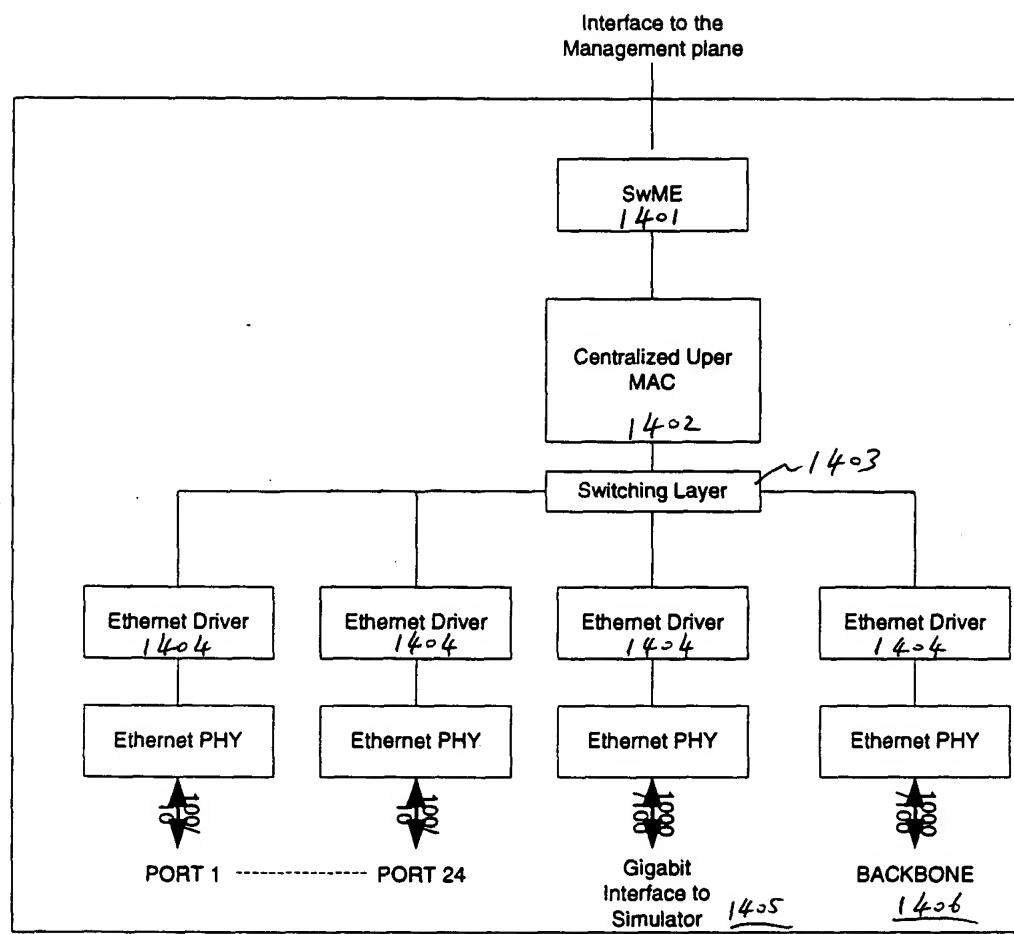


Fig. 12B



**FIG. 13**



SWITCHING PLANE 1400

**FIG. 14**

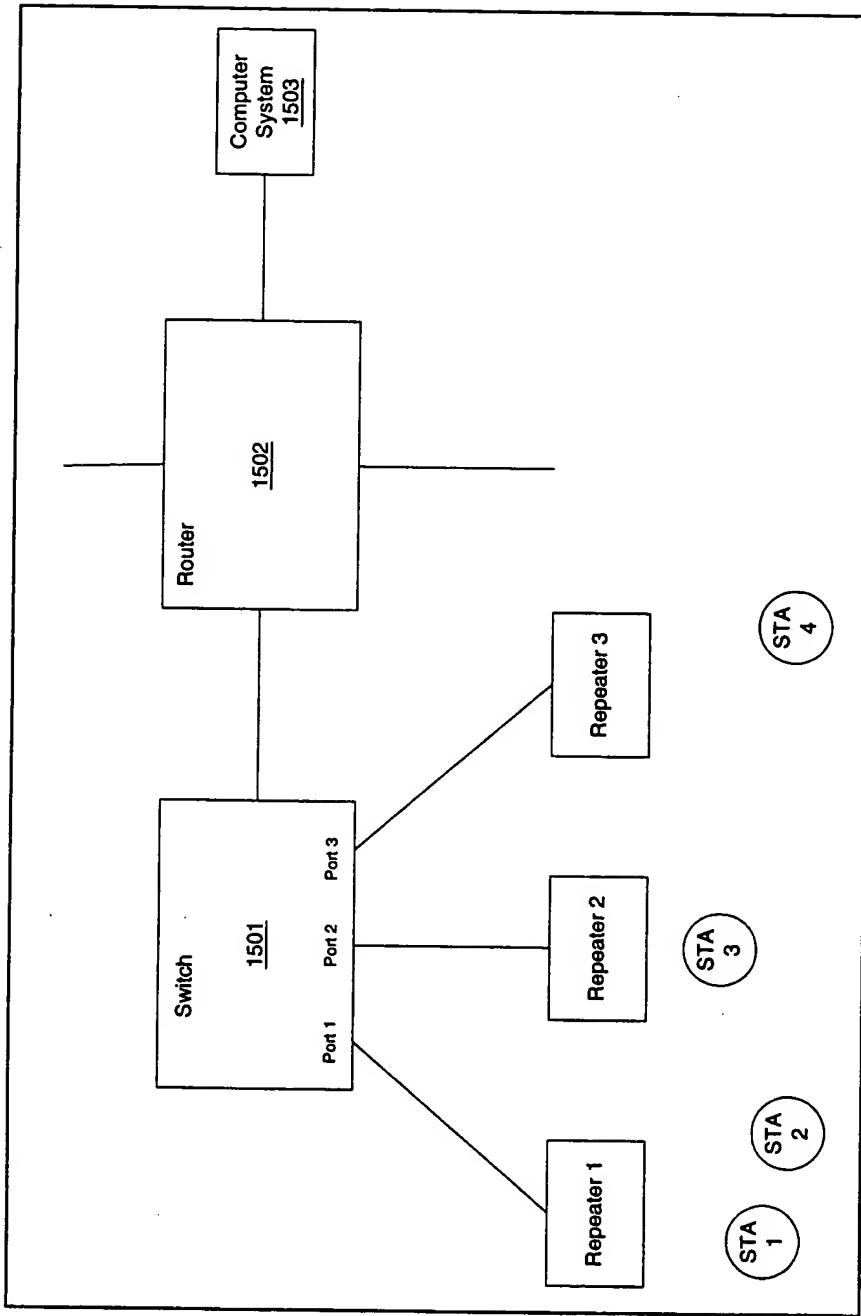
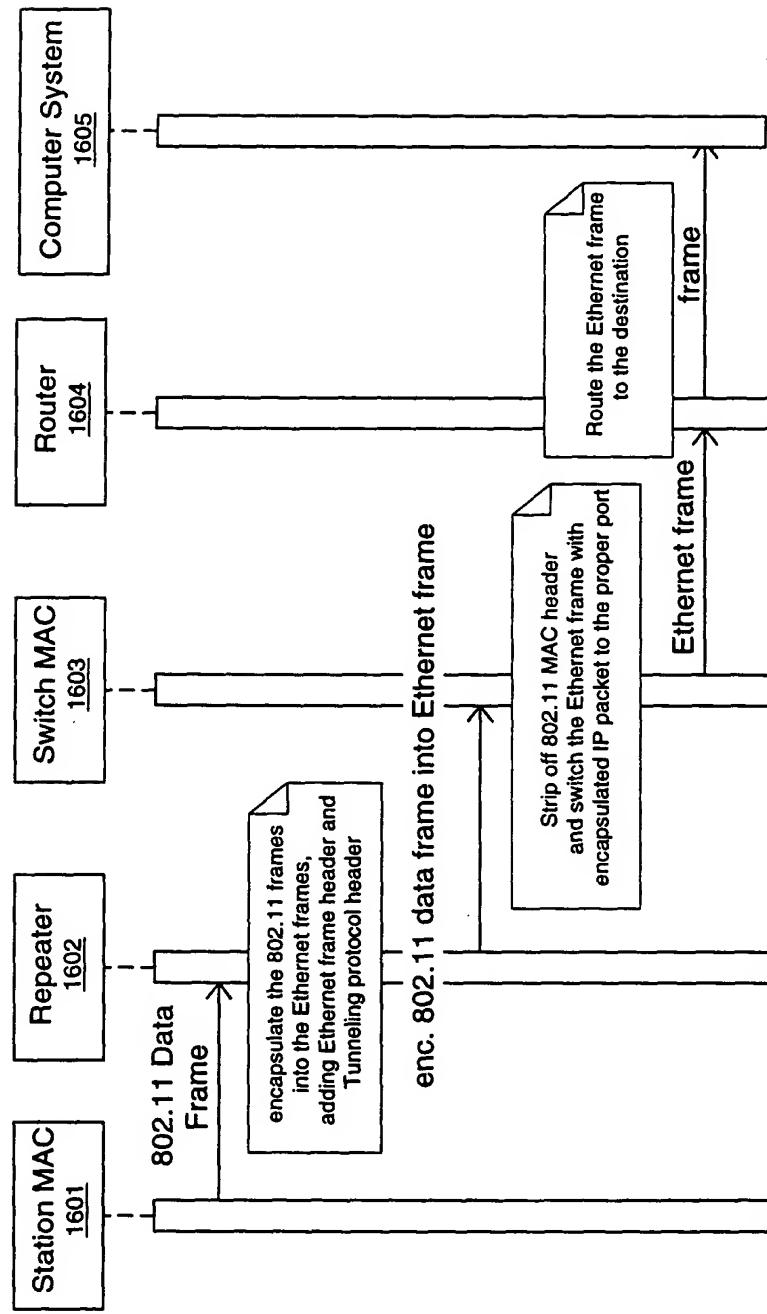


FIG. 15



**FIG. 16**

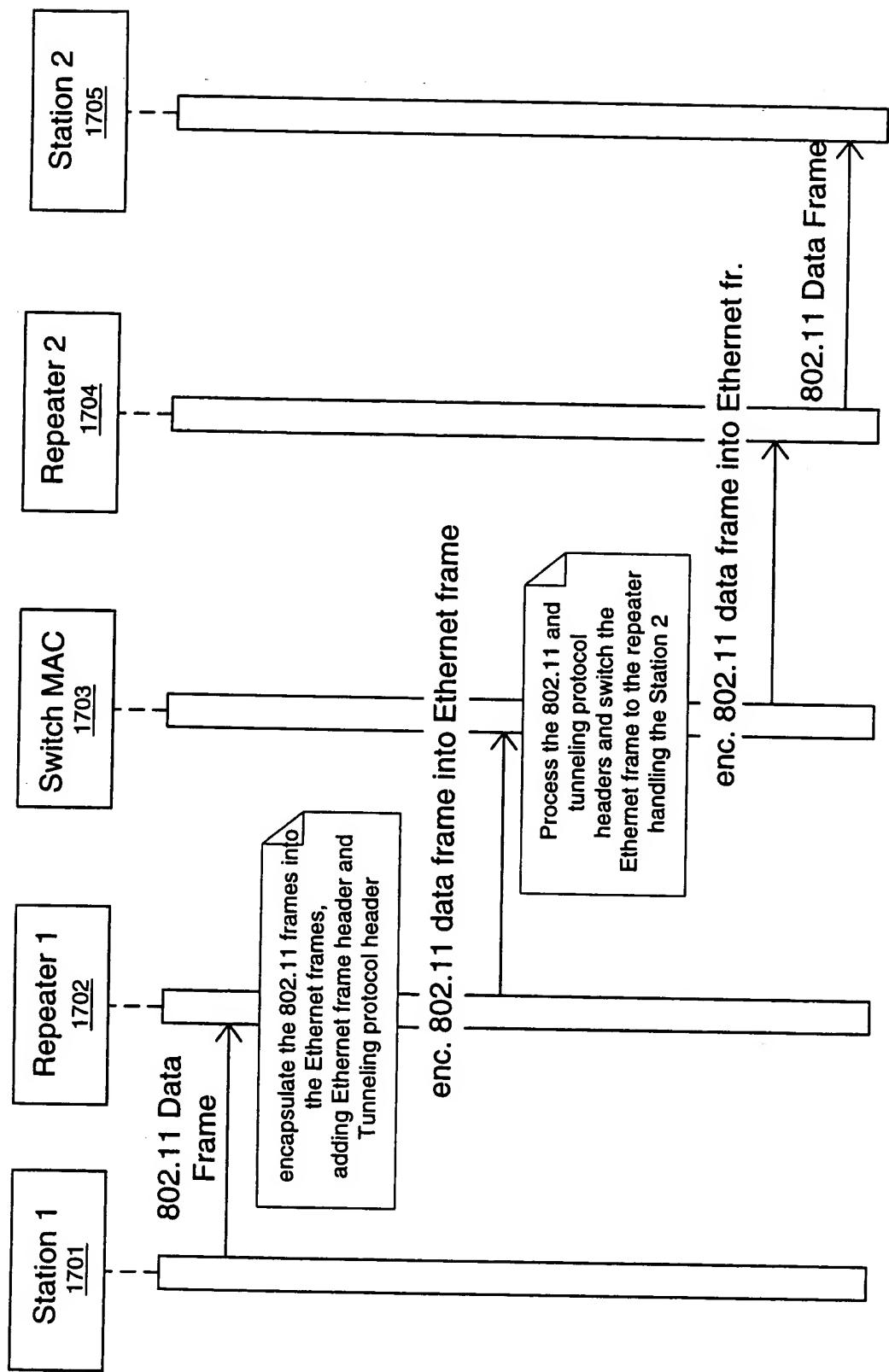


FIG. 17.

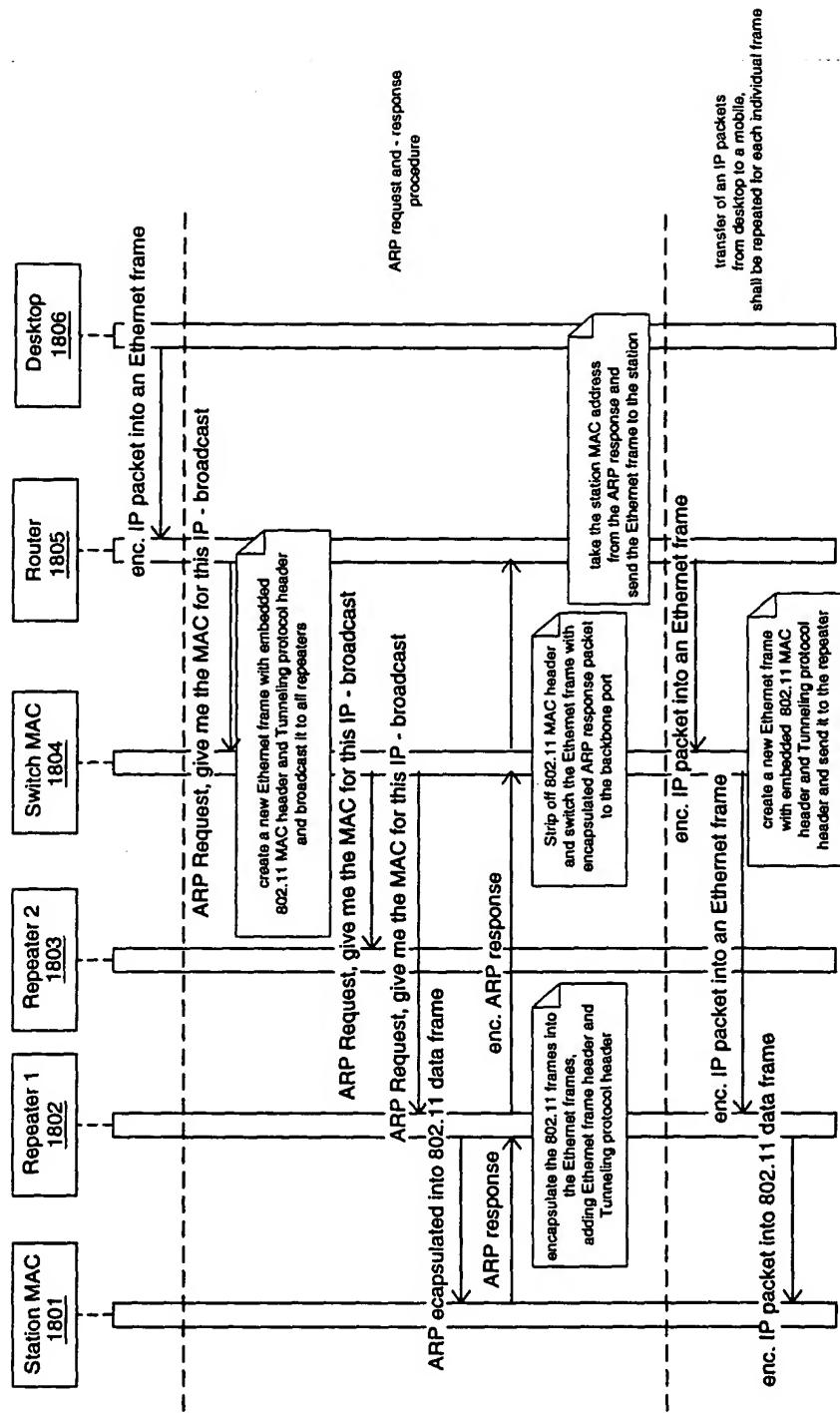


FIG. 18

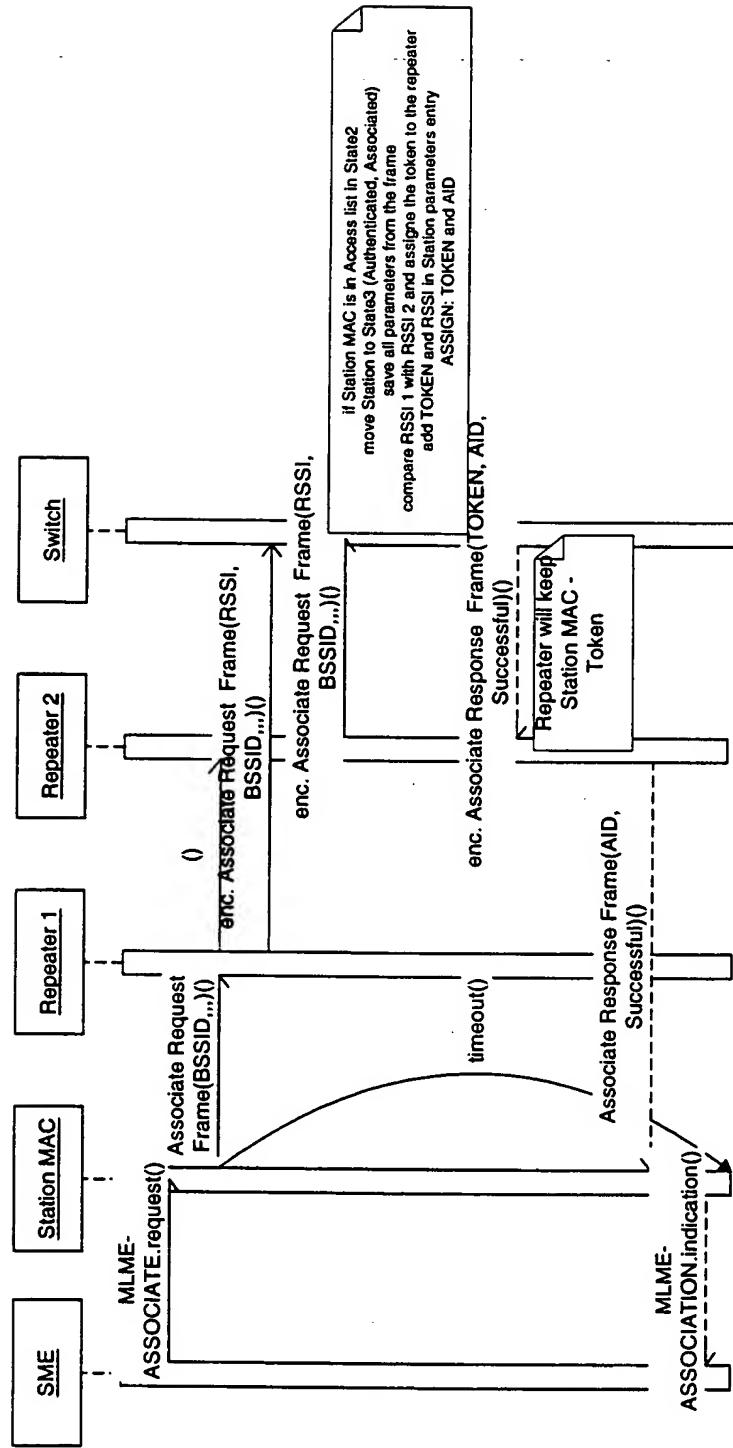


FIG. 19

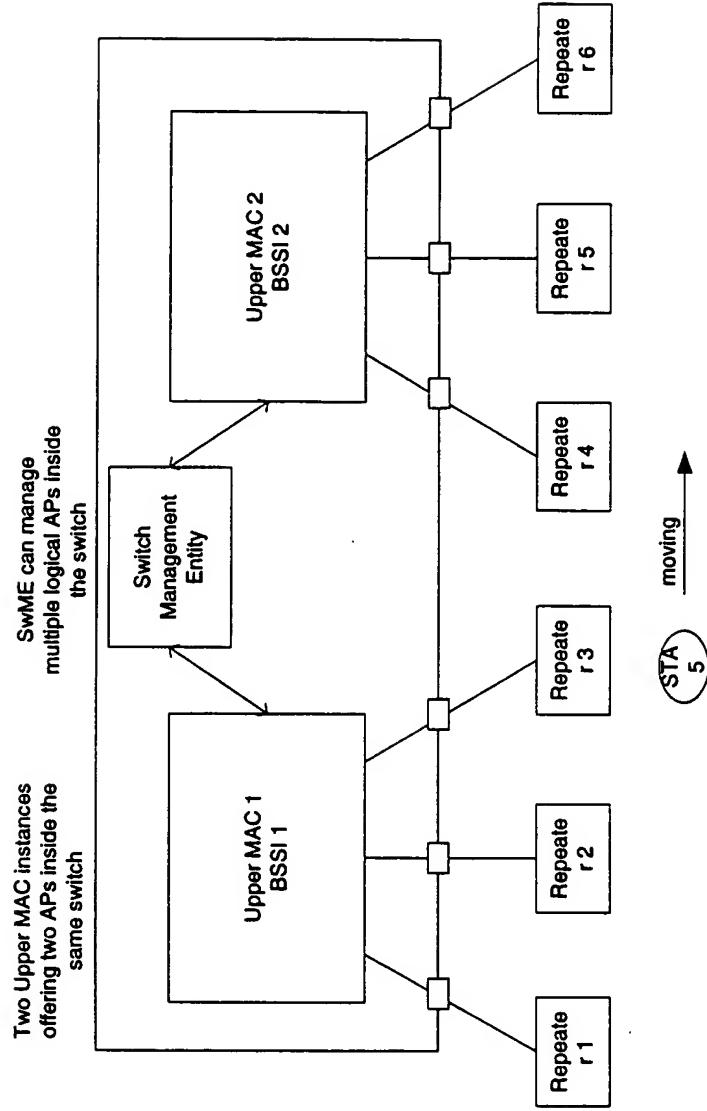


FIG. 20

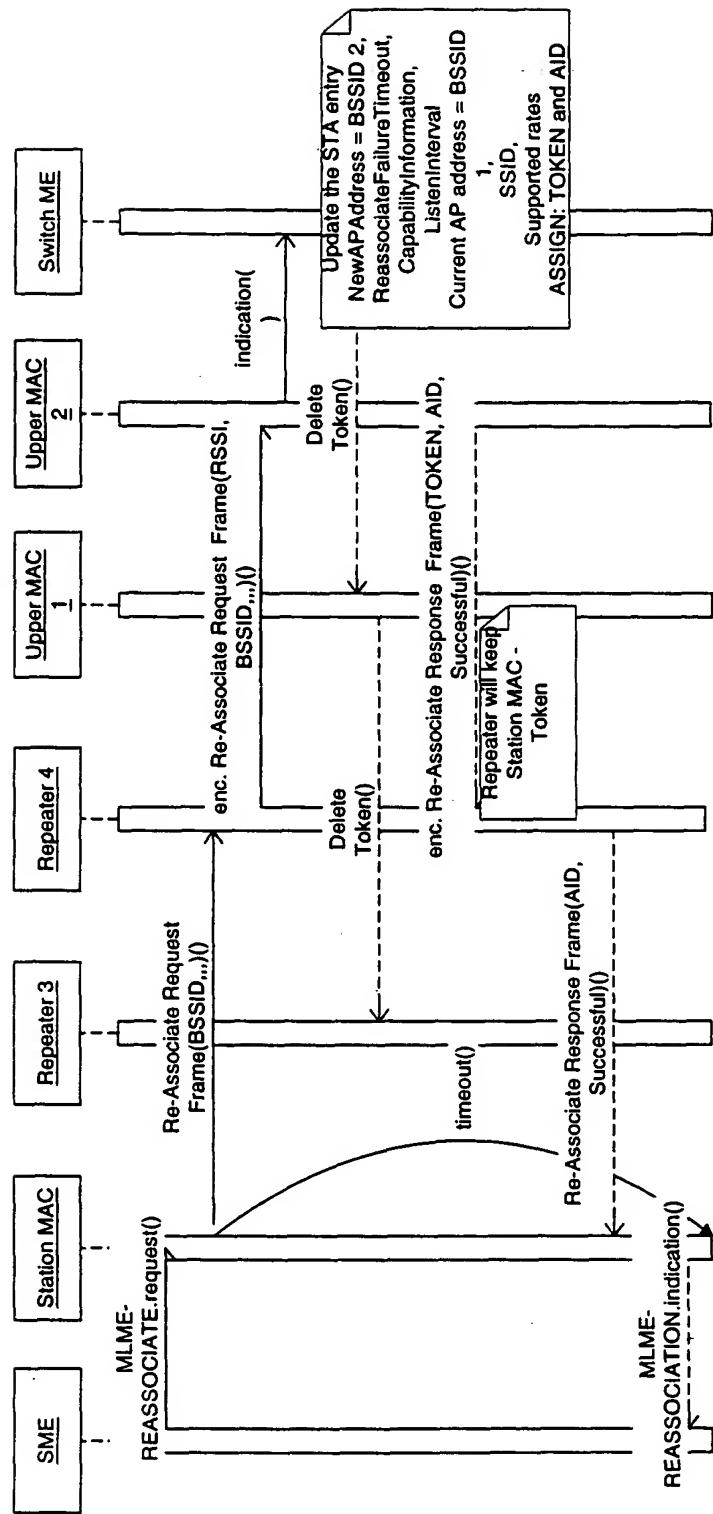
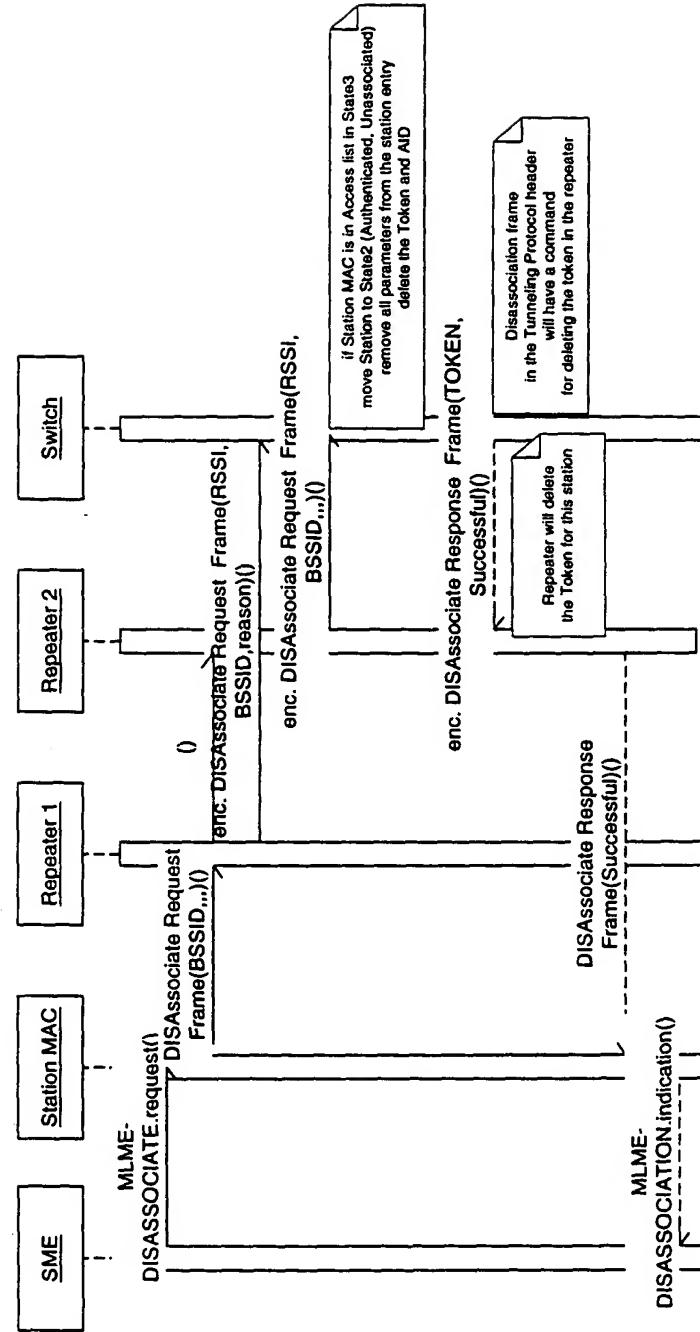


FIG. 21

**FIG. 22**



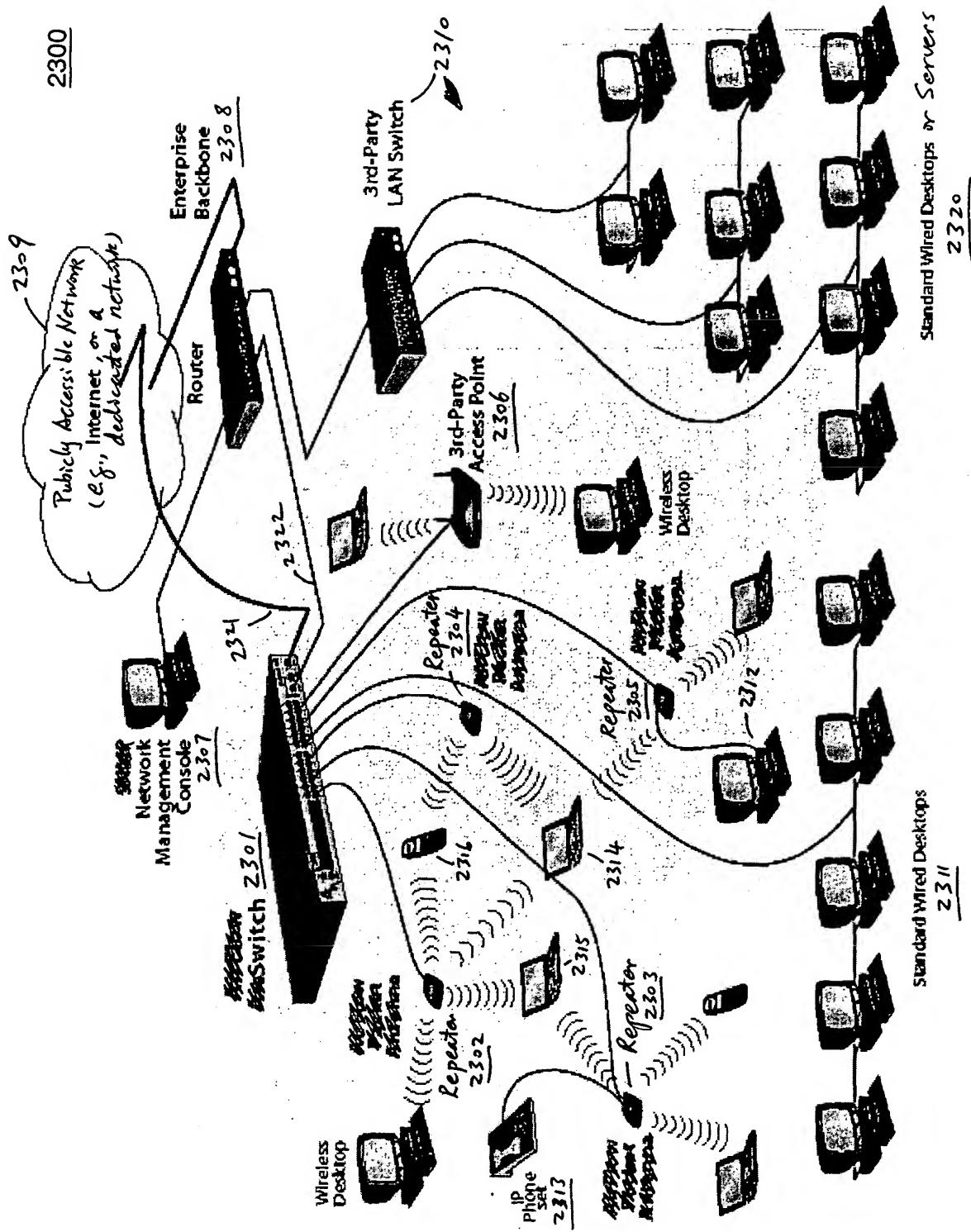
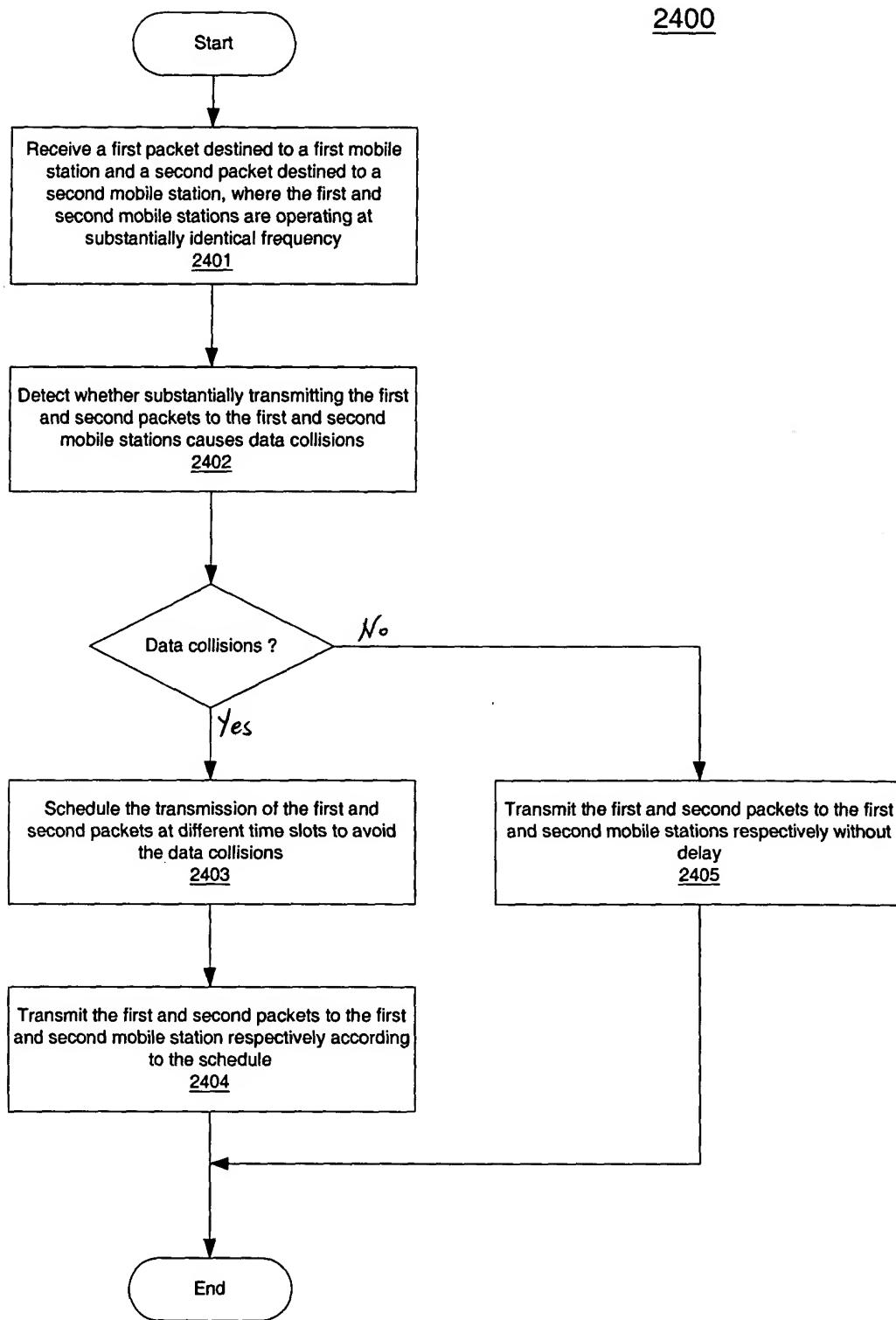
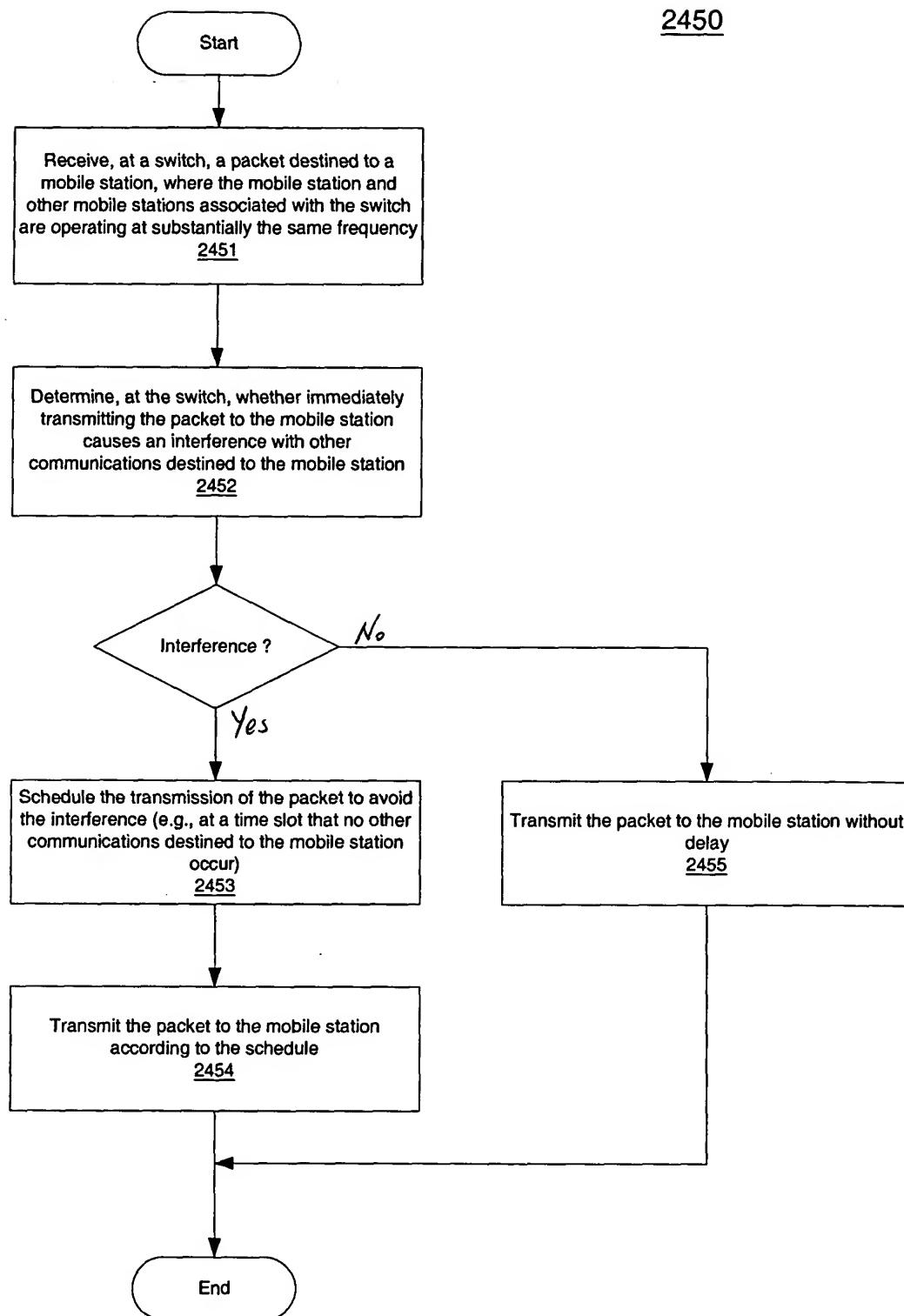


Fig. 23

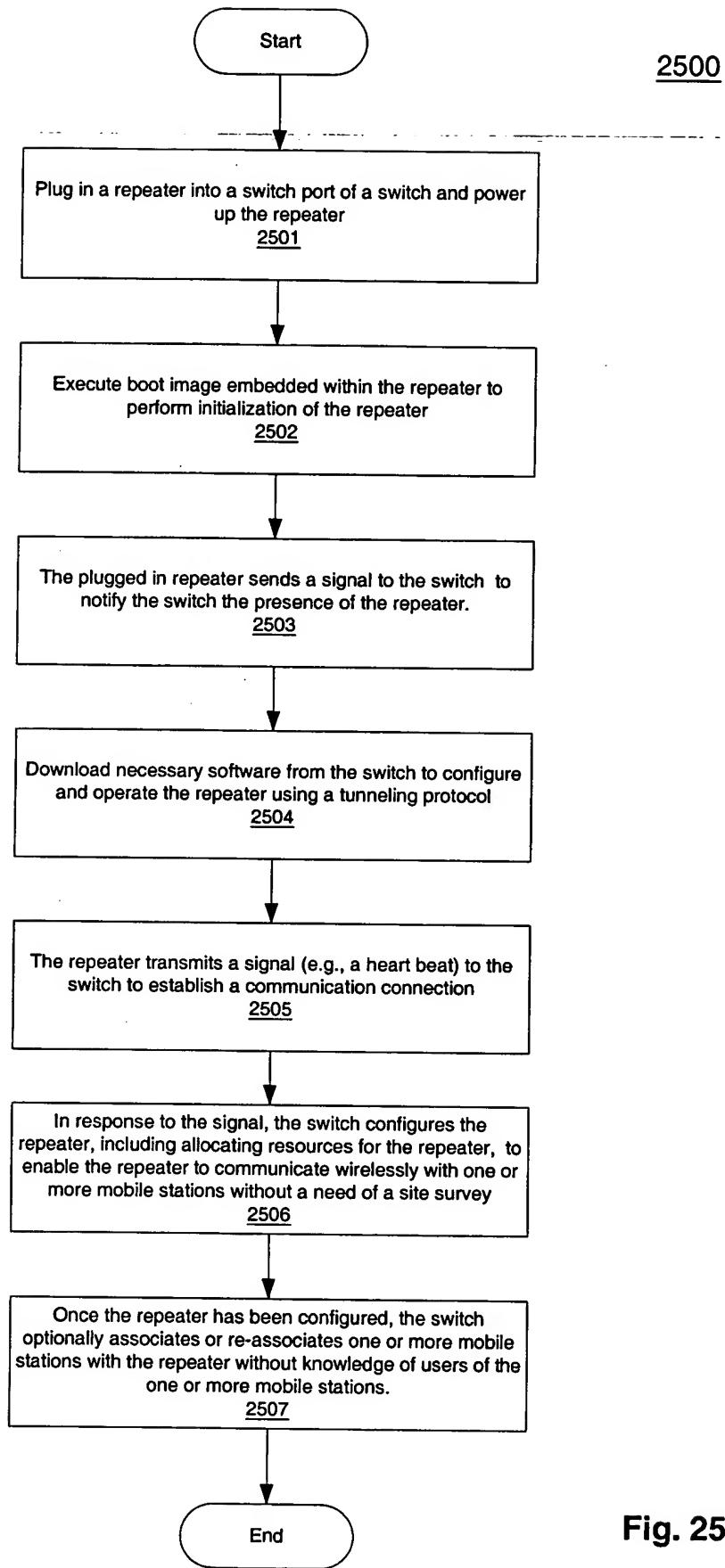


**Fig. 24A**

2450

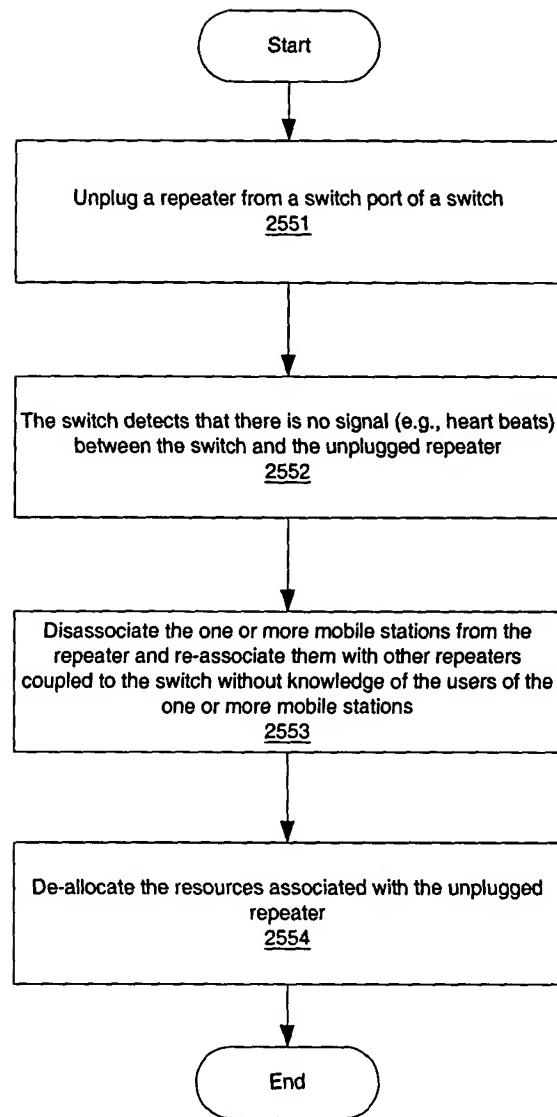


**Fig. 24B**



**Fig. 25A**

2550



**Fig. 25B**

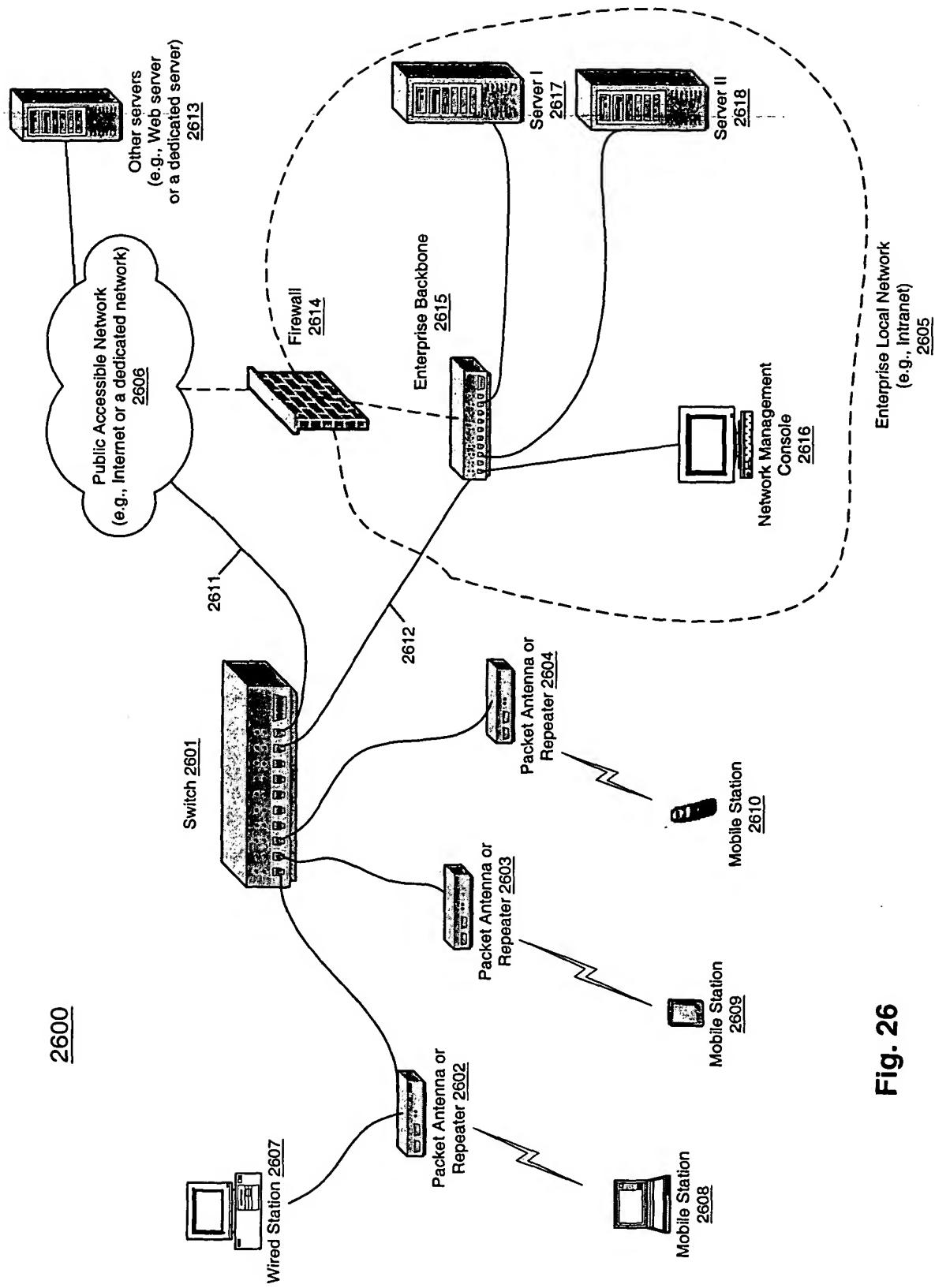


Fig. 26

2700

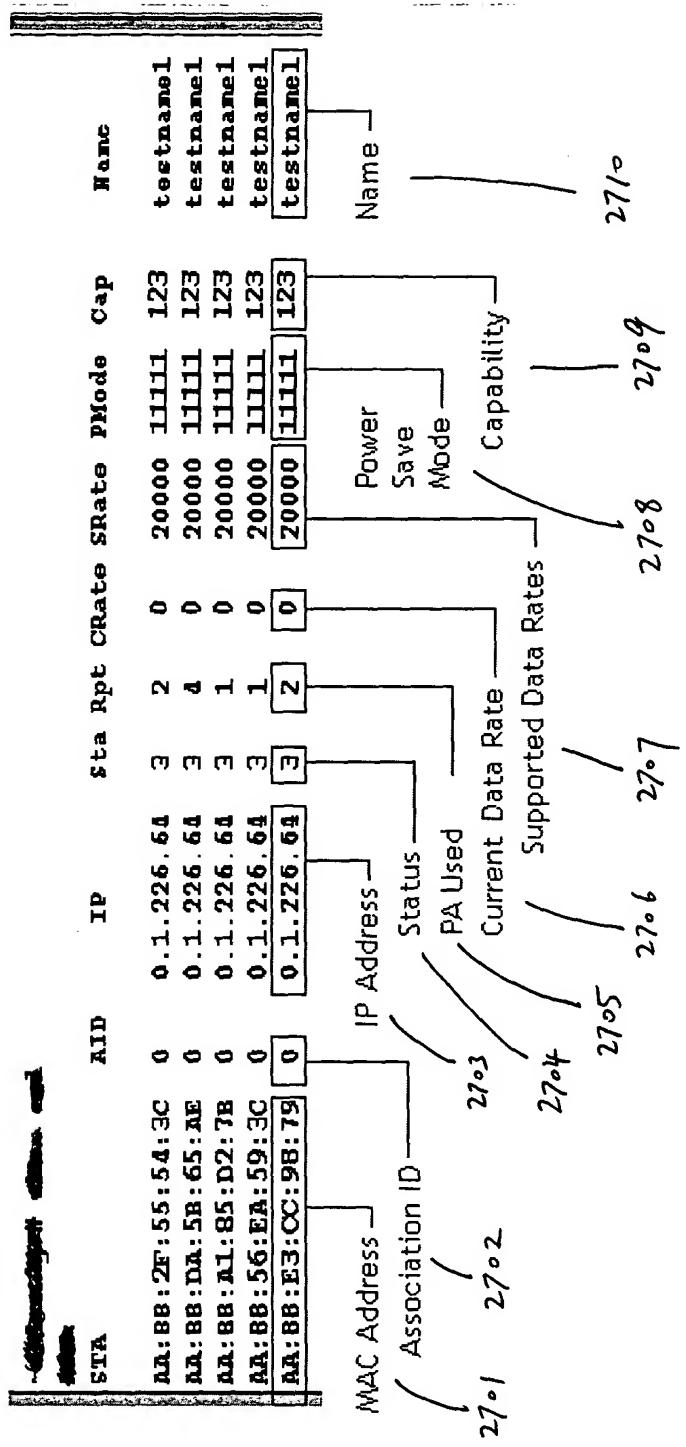
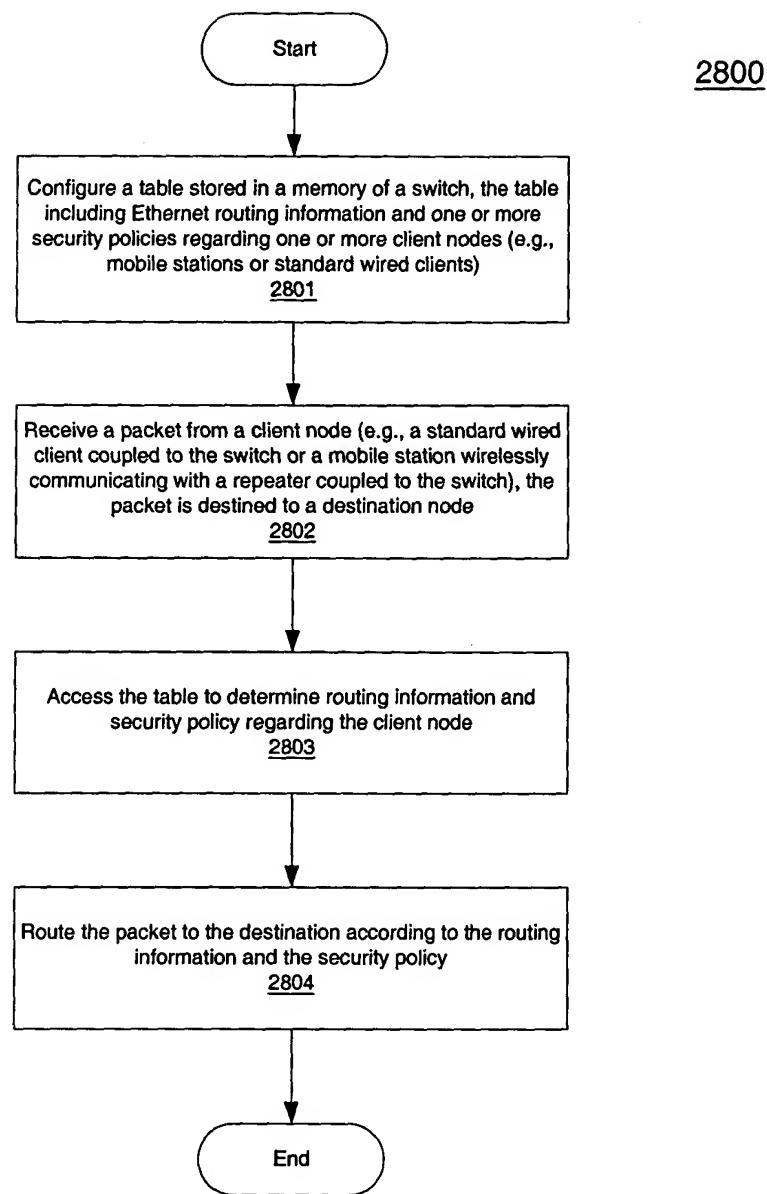
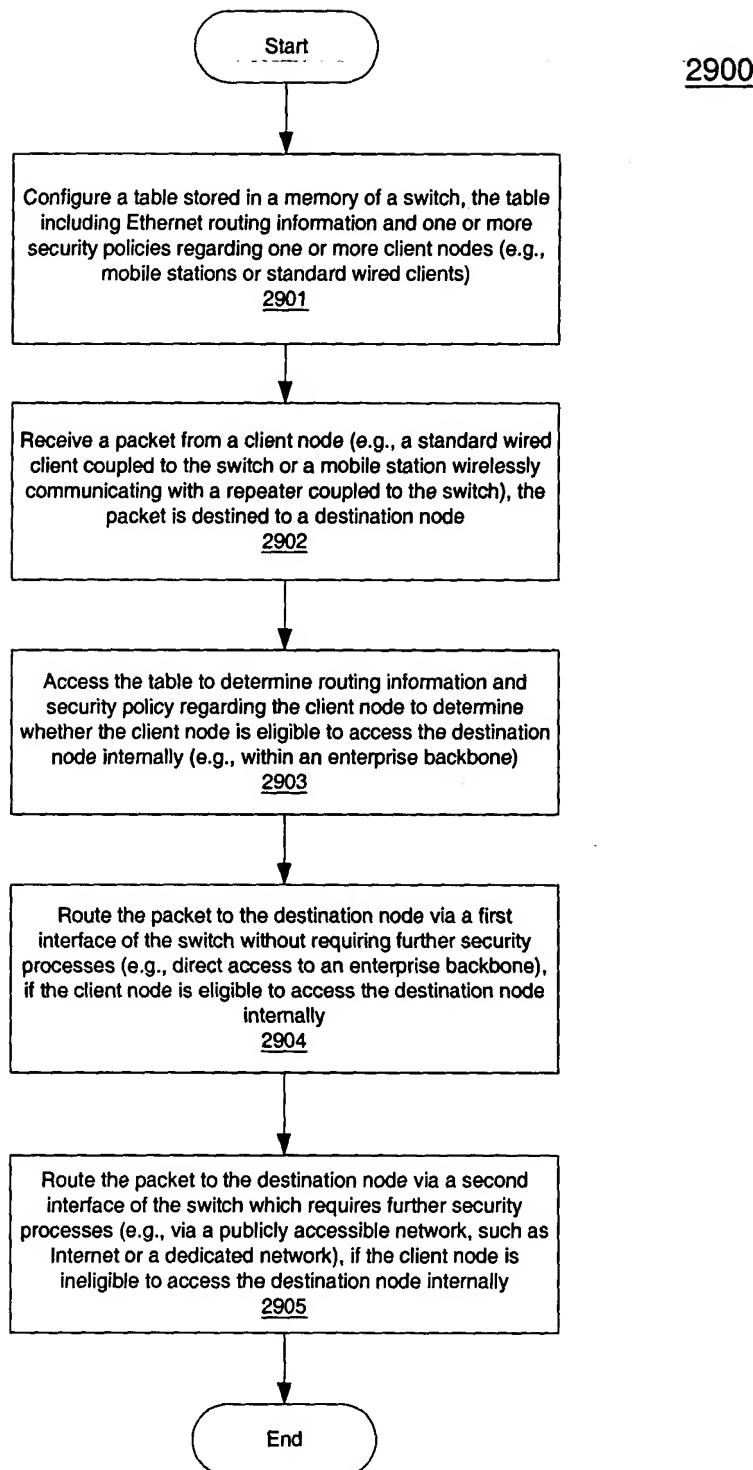


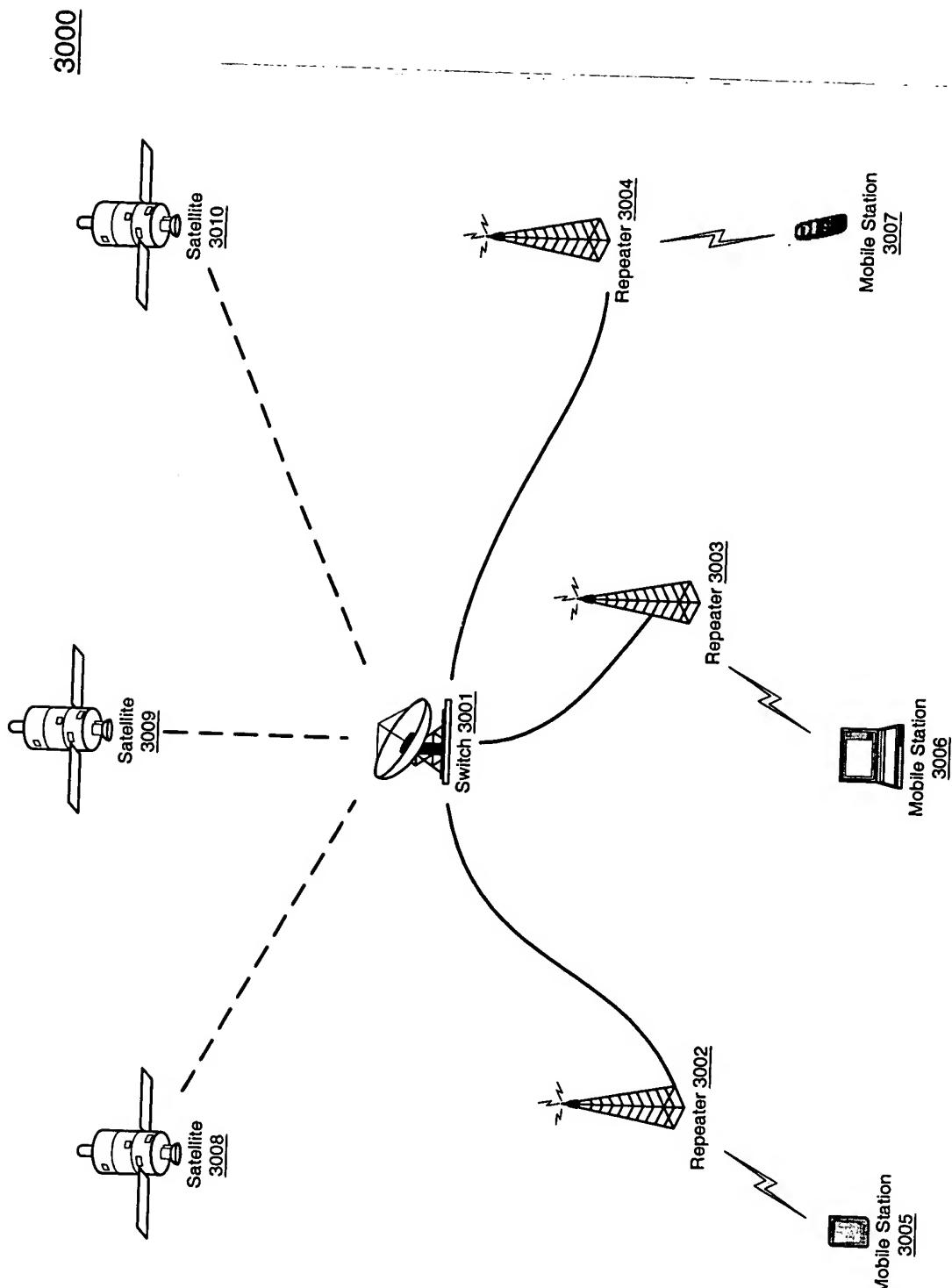
Fig. 27



**Fig. 28**



**Fig. 29**



**Fig. 30**